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# WEBER

A Pledge of Superior  
Quality and Fair Dealing  
to Buyers of Nursery  
Stock for Sixty-five Years

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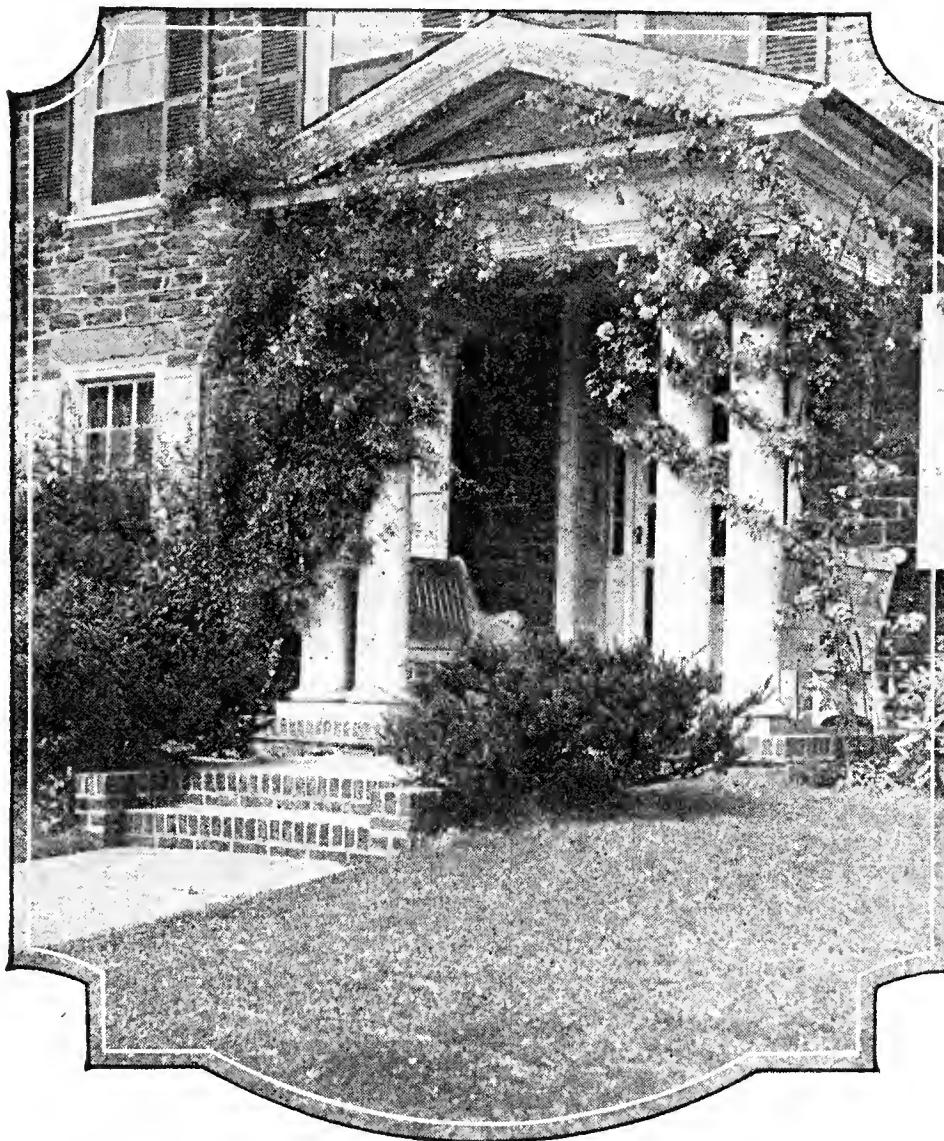
1932  
PLANTING  
GUIDE

H.J. WEBER & SONS NURSERY Co.

Gravois and Weber Roads - - - AFFTON, MO.



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## ... each year in WEBER history has contributed notable achievements in development of home beautification

The business now known as H. J. Weber & Sons Nursery Co. was established in 1867 by Henry J. Weber who was widely known in those days as a successful "tree grower" and a maker of fine wines.

Grafting was then an art known only to a very few and was accomplished by binding calico around the graft in the tree.

The early days of the business the Weber name became most favorably known among smaller nurseries who depended on us for stock to fill their orders—many of whom maintained a crew of agents but grew very little of their own stock.

The business prospered and the family grew. In 1903 the Weber fields were growing half a million trees besides many of the better varieties of shrubs and roses.

As the sons finished school they were taken into the business. Two of the boys, Frank and Henry, have now passed away leaving William, Walter and George still in the business. William A. Weber is active head of the business. Walter is general superintendent, while George has charge of the work of growing in the fields.

Strangely enough the father's love for growing things seems to have been a gift to all the boys and each has his particular specialties—or hobbies as one might call them. In more recent years the home beautification idea has taken much of their attention until now Weber creations

are known the country over as developments of the very highest type. In fact they never introduce a variety until it has reached a fine stage of perfection.

And these are the things that should interest the buyer—because anything that grows will do better for those whose knowledge of nursery culture is limited if the original grower has given it start with sturdy varieties of known origin and cultivates their hardiness and productivity.

So, you are encouraged to buy from Weber stocks in full confidence that you cannot fare better or get more in true value for any amount you invest and we ask you to consider the knowledge and natural love for growing things which has driven this family forward for sixty-five years—as your assurance that we prize our reputation as nurserymen above everything else and desire everything shipped to our customers, old and new, will give them the satisfaction they may rightfully expect.

This year prices are considerably lower than they have been for a good long time and we urge you to buy liberally. Last season was an exceptionally good one for sturdy stock development in this locality and we honestly believe that stock we are offering now have better root systems and greater vitality than many seasons past—so we advise ordering all you can use—because the values are really extraordinary.

H. J. WEBER & SONS NURSERY CO.

# We strive for Perfection in our growing fields

Orchardists and others who visit our extensive growing fields tell us that our cultural practices are more thorough than necessary, but we have always felt that every possible care should be given to plants in their first year because it is then that they develop their sturdiness and root systems which govern their further development—so that when they are replanted, in locations selected by our customers, they re-establish themselves quickly and grow as we promise.



Down the Rows of Young Evergreens in Weber Growing Fields

*Many of our men have spent their lives in Weber Service* ☺ ☺ ☺



Young Apple Trees

We doubt if there is another nursery in existence which has developed a field force equal to our own. Many of the men have been with us ever since they started to make their own way—and know exactly how every cultural operation is to be executed.

Here and there through our plots new methods are constantly being tried out and whenever improvements are discovered, we adopt them at once.

Many of our varieties are grown from seed, cultivated carefully and then carefully graded before transplanting so that only the very best remain in our growing plots.

Such thorough care costs money—much more than most nurseries are willing to invest in this phase of their business but we are constantly striving to maintain perfection so that when people buy our stocks they will be well satisfied and learn to depend on us for everything they need.

Among our customers are some of the country's largest orchardists, cities that are carrying out beautification plans, owners of large estates, and thousands of substantial home owners who are constantly using our stocks to improve their property.

Every spring brings many new customers, too—as a result of what they have seen our stock do for friend or neighbor.

So, when we ask you to buy from us we do so with full confidence that we will be able to please you and give you full value for every dollar you invest in our products.



Visitors almost invariably comment on the uniformity of our growing stock and frequently ask how we are so "lucky." But it isn't luck. It is the rigid culling—the selection of only the very best from our seedlings—that makes uniformity possible—then by proper care and systematic culture we produce stock of exceptionally high quality that matures into fine trees and lovely shrubs.

Our Rose Fields Are a Beautiful Sight All Summer Long

## Weber Roses are known everywhere for wealth of bloom

The Rose fields are always full of visitors because so many of the everblooming varieties are always in flower. Folks marvel, even yet, that so many lovely creations can be had in everblooming sorts when in reality they have been popular among the most ardent rose lovers for several years. Elsewhere in this book you will find a long list of the better types of roses and we recommend that you bring yourself up to date by reading these rose pages.



Entrance view to our grounds. Visitors welcome. We kindly invite you to inspect our quality stock.



# TREES

have a very definite use in the decorative scheme of every home planting. We can help with your problem.

Write us.

## DECIDUOUS Ornamental Trees

A few good trees and an even, luxuriant lawn are the two real essentials for beauty and comfort on the home grounds. Since the trees require several or more seasons to become well established, it is important for the homeowner to get them planted on the property as soon as possible. The opportunity given by the year's rather short planting season should be taken advantage of.

For full planting instructions, see our Guide, "HOW TO PLANT."

In order to make it easier for planter to select trees for particular purposes, we have adopted letters to denote the various classes, as follows:

T—Denotes trees that attain a height of 50 feet and over at maturity.

M—Denotes trees that attain a height of 25 to 40 feet at maturity.

S—Denotes trees that attain a height of 8 to 15 feet at maturity.

D—Denotes trees that attain a height of 2 to 8 feet at maturity.

### ACER—Maple

**A. platanoides** (Norway). T. A native of Europe. Its large compact habit, broad, deep green shining foliage, render it one of the most desirable species for streets, parks and lawns.

Each Per 10

1 to 1½ inch, 6 to 8 feet.....	\$2.50	\$22.50
1½ to 1¾ inch, 8 to 10 feet.....	3.75	35.00
1½ to 1¾ inch, 10 to 12 feet.....	5.50	52.50
1¾ to 2 inch, 12 feet.....	6.50	62.50

**A. platanoides var. Schwedleri** (Purple Norway Maple). M. The beautiful leaves attract attention at all seasons, but are especially fine in spring, when their gleaming red and purple contrast brightly with the delicate green of other trees. In mid-summer they are purplish-green; in autumn, golden-yellow.

Each Per 10

6 to 8 feet.....	\$4.00	\$37.50
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**A. polymorphum atropurpureum** (Purple-Leaved Japan Maple). D. Forms a bushy shrub; foliage dark purple and deeply cut; very ornamental. The hardiest and altogether the best of the Japan Maples.

Each Per 10

2 to 3 feet .....	\$10.00	\$95.00
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**A. saccharinum** (Silver Leaved). T. A hardy rapid-growing native tree of large size, valuable for producing a quick shade. Excellent for street planting.

Each Per 10 Per 100

6 to 8 feet.....	\$0.75	\$ 6.50	\$ 55.00
1 to 1½ inch, 8 to 10 feet.....	1.00	8.50	70.00
1½ to 1¾ inch, 8 to 10 feet.....	1.40	12.00	110.00
1½ to 1¾ inch, 10 to 12 feet.....	2.00	18.00	160.00
1¾ to 2 inch, 12 to 14 feet.....	3.00	27.50	250.00

**A. saccharinum var. Wierii** (Wier's Cut-Leaved Silver Maple). T. One of the best cut or dissected-leaved trees; being of rapid growth it soon produces an effect. Young shoots slender and drooping.

Each Per 10

8 to 10 feet, 1¼ to 1½ inch.....	\$2.00	\$17.50
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**A. saccharum** (Sugar). T. A very popular American tree, and for its stately form and fine foliage justly ranked among the very best, both for lawn and avenue.

	Each	Per 10
8 to 10 feet, 1¼ to 1½ inch.....	\$4.35	\$41.00
10 to 12 feet, 1½ to 1¾ inch.....	5.50	52.00



European White Birch, Sometimes Called  
"The Lady of the Woods"

### AESCRULUS—Chestnut

**A. hippocastanum** (Horse). T. This magnificent, large-sized tree has no superior on the lawn. In the spring it is profusely covered with panicles of white flowers dotted with red.

	Each	Per 10
6 to 8 feet.....	\$3.00	\$27.50
8 to 10 feet.....	4.75	45.00

### AILANTHUS—Tree of Heaven

**A. altissima (Glandulosa)**. T. A rapid growing, lofty tree, long elegant foliage.

	Each	Per 10
6 to 8 feet.....	\$1.50	\$12.50
8 to 10 feet.....	2.00	17.50

### ALBRIZZIA—Mimosa

**Albrizzia julibrissin** (Mimosa or Silktree). A small tree of great grace and beauty; flat topped head; foliage finely pinnate, and a wealth of pink flowers in summer. 20 to 25 feet.

	Each	Per 10
3 to 4 feet.....	\$0.90	\$ 8.00
4 to 5 feet.....	1.25	11.00

### AMYGDALUS—Almond, Peach and Plum

**Amygdalus** (Almond Double-flowering). See Deciduous Shrubs.

**A. persica alba** (Double-flowering Peach). S. Very ornamental. Flowers pure white and double; superb.

	Each	Per 10
5 to 6 feet.....	\$1.50	\$12.50
4 to 5 feet.....	1.25	10.00

**A. persica rubra** (Double red-flowering Peach). S. Flowers semi-double, bright red, fine.

	Each	Per 10
5 to 6 feet.....	\$1.50	\$12.50
4 to 5 feet.....	1.25	10.00

**A. persica rosea** (Double pink-flowering Peach).

Each Per 10  
5 to 6 feet.....\$1.50 \$12.50  
4 to 5 feet.....1.25 10.00

**A. triloba** (Double-flowering Plum).

D. A beautiful small tree or shrub of fine habit, with elegant, double, rosy flowers, set very closely on slender branches.

Each Per 10  
3 to 4 feet.....\$0.95 \$ 7.50  
4 to 5 feet.....1.20 10.00

## ARALIA—Angelica Tree

**A. spinosa** (Hercules Club). S. A very showy sort which produces suckers quite freely. Immense clusters of small, white flowers in July.

Each Per 10  
4 to 5 feet.....\$1.30 \$11.00  
5 to 6 feet.....1.65 14.00

**A. pentaphylla**. See *Acanthopanax*, Deciduous Shrubs.

## BETULA—Birch

**B. alba** (European White Birch). T. Of which Coleridge says: "Most beautiful of forest trees; the lady of the wood."

Each Per 10  
6 to 8 feet.....\$1.95 \$17.50  
8 to 10 feet.....2.50 22.50

**B. alba laciniata pendula** (Weeping Cut-leaved Birch). See Weeping Trees.

## CATALPA—Indian Bean

**C. bignonioides nana** (Chinese Catalpa Bungei). D. A small species that grows 8 to 10 feet high. Grafted on stems of the common Catalpa 5 to 6 feet from the ground, forming an umbrella-shaped top. 2-year heads, standard

Each, \$1.40; 10, \$12.00; 100, \$100.00

1-year heads, standard

Each, \$1.20; 10, \$10.00; 100, \$ 80.00

**C. speciosa** (Western). T. One of the most rapid growers. Large heart-shaped, downy leaves and compound panicles of white flowers, tinged with violet and dotted with purple and yellow.

Each Per 10 Per 100

8 to 10 feet ....\$1.10 \$ 9.50 \$ 80.00

1 1/4 to 1 1/2 inch

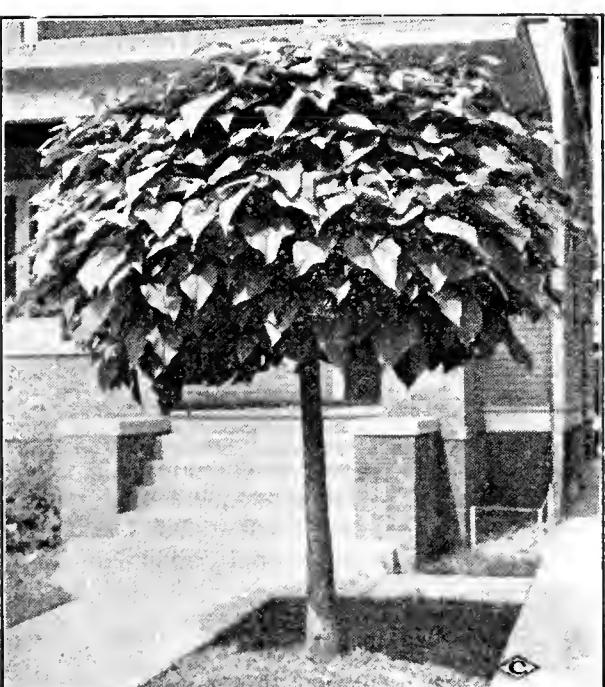
diameter ..... 1.30 11.00 100.00

1 1/2 to 1 3/4 inch

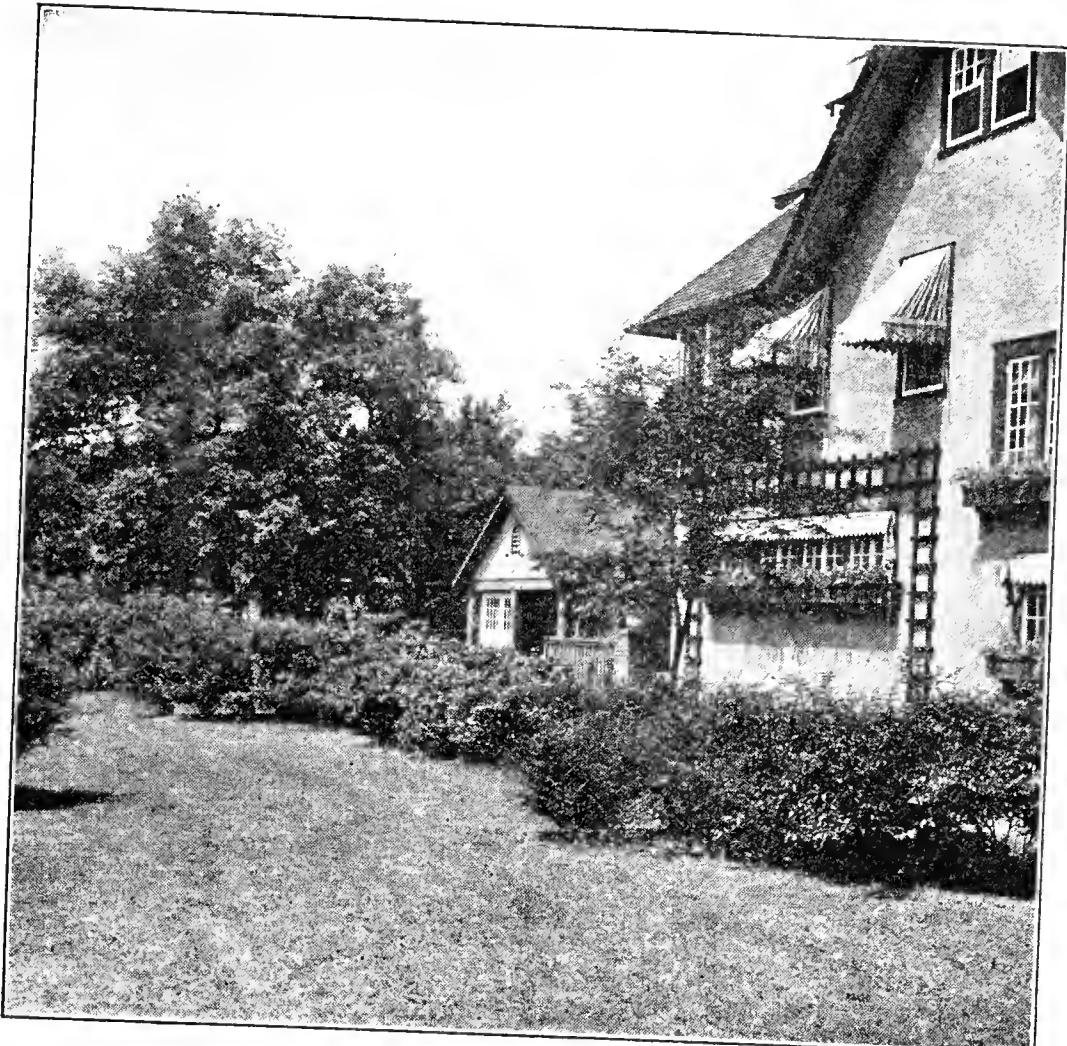
diameter ..... 1.50 13.00 ....

## CELTIS—Hackberry or Nettle Tree

**C. occidentalis**. M. A native tree that deserves more general planting. Leaves are light green, glossy.



Catalpa Bungei



A Good Example of Mass Shrubbery Planting Leaving Lawn Open—The Prevailing Vogue

pointed. Not subject to insect pests. Branches are slender and grow horizontally, forming a windmill-shaped head. Thrives in all soils.

Each Per 10  
6 to 8 feet .....\$1.50 \$13.00

## CERCIS—Red Bud

**C. canadensis** (American Judas). M. A small tree of irregular rounded form, with pretty foliage, and very showy when in bloom; the branches and twigs are covered with a dense mass of small pink flowers before the leaves expand.

Each Per 10 Per 100  
3 to 4 feet ....\$1.10 \$ 9.50 \$ 85.00  
4 to 5 feet ..... 1.35 12.00 100.00  
5 to 6 feet ..... 1.65 15.00 ....

**C. chinensis** (Japonica) (Japan Judas). D. Of medium size; rounded form, foliage deep shining green and heart-shaped; flowers larger than those of *Canadensis*, and of a rich reddish purple color; a valuable small tree.

Each Per 10  
1 1/2 to 2 feet .....\$ .65 \$5.50  
2 to 3 feet ..... 1.00 9.00

## CHIONANTHUS—White Fringe

**C. virginica**. S. A small native tree, with ash-like leaves and clusters of snow-white flowers, resembling an elegant fringe.

Each Per 10  
2 to 3 feet ..... \$1.50 \$13.00  
3 to 4 feet ..... 2.25 20.00

## CORNUS—Dogwood

**C. florida** (White Flowering). M. The flowers are produced in spring before the leaves appear; they are white and very showy.

Each Per 10  
2 to 3 feet .....\$1.25 \$10.00  
3 to 4 feet ..... 1.50 12.50  
4 to 5 feet ..... 2.25 20.00  
5 to 6 feet ..... 3.25 30.00

**C. florida rubra** (Pink Flowering). M. Recently introduced. A variety producing flowers suffused with rosy red; blooms when quite young. One of the finest flowering trees.

Each Per 10  
2 to 3 feet .....\$1.90 \$17.50  
3 to 4 feet ..... 3.80 35.00  
4 to 5 feet ..... 6.50 60.00  
5 to 6 feet ..... 9.00 85.00

## CRATAEGUS—Thorn

**C. coccinea** (Scarlet-fruited Thorn). M. A fine native variety. Single white flowers in spring, scarlet fruit in autumn.

Each Per 10  
3 to 4 feet .....\$2.50 \$22.50

**C. cordata** (Washington Thorn). Native thorn, white-flowering, small red fruit. Broad ovate leaves, grows from 6 to 8 feet.

Each Per 10  
3 to 4 feet .....\$2.50 \$22.50

**C. crus-galli** (Cockscomb Thorn). S. A well-known native thorn; has long sharp spines or thorns; fruit bright red; valuable for hedging.

Each Per 10  
3 to 4 feet .....\$2.50 \$22.50

**C. oxycantha var. Paulii** (Paul's Double Scarlet Thorn). S. Flowers bright carmine-red. Superior to any of its color.

Each Per 10  
5 to 6 feet .....\$2.85 \$26.00

## FAGUS—Beech

*F. americana* (Ferruginea). American Beech. T. Our noble native forest tree, with silvery bark, fine spreading growth and symmetrically rounded head. In this section, like many of our hardwood and valuable trees, is rather hard to transplant, requires very careful handling and care throughout the first season.

	Each
3 to 4 feet .....	\$2.50
5 to 6 feet .....	4.50

## FRAXINUS—Ash

*F. americana* (American White). M. A rapid-growing native tree, valuable for planting along streets or in parks.

	Each	Per 10
8 to 10 ft., 1½ to 1¾ inches .....	\$2.75	\$25.00
10 to 12 ft., 1½ to 1¾ inches .....	3.50	32.50

## GINKGO—Salisburia (Maiden Hair Tree)

*G. biloba*. T. A native of China and Japan, forming a medium or large tree; leaves fan-shaped.

	Each	Per 10
8 to 10 feet, 1½ to 1¾ inches .....	\$4.75	\$45.00
10 to 12 feet, 1½ to 1¾ inches .....	5.75	55.00

## GLEDITSIA—Honey Locust

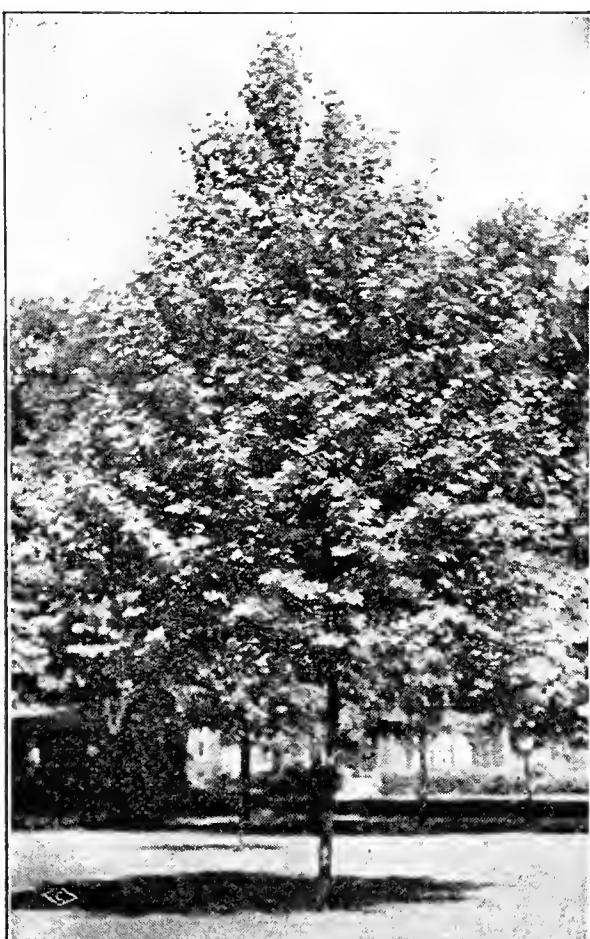
*G. inermis* (Thornless Locust). Similar in habit to Honey Locust, but devoid of thorns.

	Each	Per 10
10 to 12 feet, 1½ to 1¾ inches .....	\$3.00	\$27.50

*G. triacanthus*. M. A rapid-growing native tree, with powerful species and delicate foliage. Very sweet scented.

	Each	Per 10
8 to 10 feet .....	\$1.75	\$15.00

**For Black Locust and  
Globe Locust, see  
ROBINIA.**



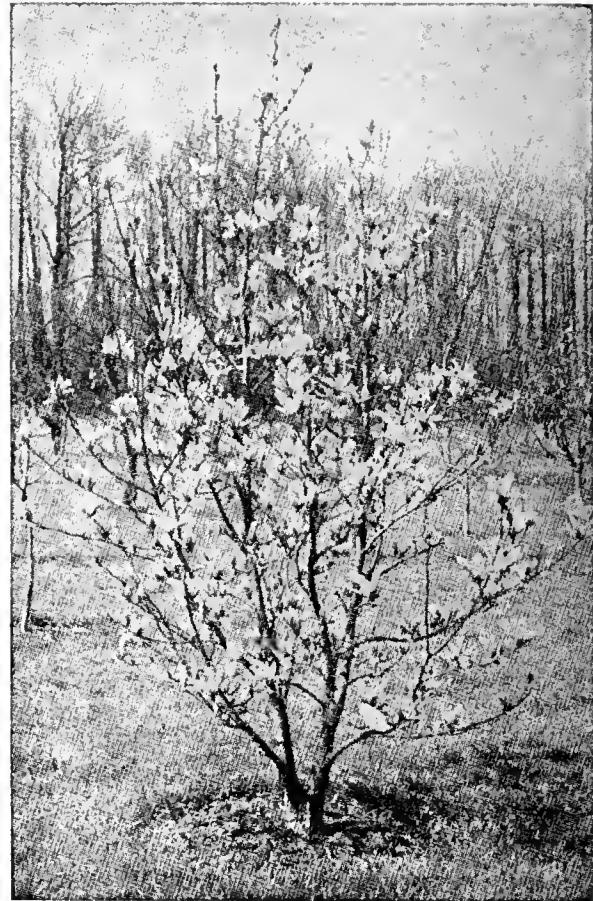
Sycamore—American Plane

## HALESIA—Silver Bell

Their chaste, pure white flowers are produced in abundance along the entire length of the branches as the leaves appear in the spring, and give a very charming picture. Best grown in well-drained soil in somewhat sheltered position.

*H. tetrapeta* (Carolina). The hardiest species. Very choice.

	Each	Per 10
2 to 3 feet .....	\$1.00	\$7.50
3 to 4 feet .....	1.35	11.00



Tulip Tree  
Blooms Before Leafing Out

we are  
HEADQUARTERS  
for  
Sweet GUM Trees

## LIRIODENDRON— Tulip Tree

*L. tulipifera*. T. One of our very largest native trees, with large, smooth, shining leaves, greenish-yellow flowers and an umbrageous head.

	Each	Per 10
4 to 5 feet .....	\$1.00	\$7.50
6 to 8 feet .....	2.00	17.50
8 to 10 feet .....	2.75	25.00

## MAGNOLIA

*M. acuminata* (Cucumber Tree). T. A beautiful and symmetrical tall tree, with large leaves; excellent for lawns and avenues.

	Each	Per 10
4 to 5 feet .....	\$2.75	\$25.00

*M. glauca* (Sweet Bay or Swamp Magnolia). S. When planted in moist soil this makes a handsome tree of medium size. Its leaves are glossy, laurel-like, almost evergreen. In June its pure white flower-cups are lovely and grand.

	Each	Per 10
2 to 3 feet .....	\$3.90	\$36.50
3 to 4 feet .....	5.75	55.00
4 to 5 feet .....	7.50	72.50

## MAGNOLIA—Chinese Species

*M. alba superba*. D. A very fine white variety.

*M. lennei* (Lenne's Hybrid). S. A variety of great beauty. The large flowers are of deep rose color, the foliage tropical and heavy, the tree vigorous and profuse blooming, frequently opening flowers at intervals through the summer.

*M. soulangeana* (Soulange's Magnolia). S. One of the hardiest and finest of foreign Magnolias. Its flowers are from 3 to 5 inches across, cup-shaped, white and rosy violet.

	Each
2 to 3 feet .....	\$9.00
3 to 4 feet, B. & B. ....	14.00
4 to 5 feet, B. & B. ....	17.50

*M. stellata* (Syn. *Halleana*). S. A pretty dwarf form that opens its snowy, semi-double flowers in April, earlier than any other Magnolia; their fragrance is pronounced and delicate. Rare

	Each
24 to 30 inch .....	\$9.00

## MALUS—Crab

*M. atrosanguinea*. S. Red flowers.

	Each	Per 10
4 to 5 feet .....	\$1.40	\$12.00

*M. coronarius*. S. Sweet-scented crab. Largely used in landscape work.

	Each	Per 10
2 to 3 feet .....	\$1.00	\$8.00
3 to 4 feet .....	1.20	10.00
4 to 5 feet .....	1.40	12.00

*M. floribunda* (Single-Flowering Crab). S. Flowers beautiful carmine in bud; white when open; May. Fruit very ornamental in autumn.

	Each	Per 10
4 to 5 feet .....	\$1.40	\$12.00

*M. ioensis flora plena* (Bechtel's Double-Flowering Crab). S. The beauty and delicate fragrance of the sweet-scented crab is a gem among hardy plants; flowers, pink.

	Each	Per 10
3 to 4 feet .....	\$1.15	\$10.00
4 to 5 feet .....	1.50	13.00
5 to 6 feet .....	1.95	17.00

*M. parkmannii* (Parkman's Crab). S. Dwarf habit, foliage dark green.

	Each	Per 10
3 to 4 feet .....	\$1.75	\$15.00



A Magnificent Boulevard Planting—American Elm

### PERSICA—Peach

*P. atropurpurea*. Of the ordinary peach foliage, purplish bronze, suitable for group planting.

Each Per 10  
4 to 5 feet ..... \$0.60 \$5.50

### PLATANUS—Sycamore or Plane

*P. occidentalis* (American Plane). T. A tree of the largest size, growing rapidly, entirely hardy.

Each Per 10 Per 100  
6 to 8 feet ..... \$1.40 \$12.00 \$100.00  
8 to 10 feet ..... 1.75 15.00 130.00  
1 1/4 to 1 1/2 inches  
diameter ..... 2.25 20.00 185.00  
1 1/2 to 1 3/4 inches  
diameter ..... 2.90 27.50 250.00

*P. orientalis* (European Plane). T. A lofty, wide-spreading tree; large five-lobed leaves. This is undoubtedly the best variety of the Sycamores for general street planting, on account of its more compact growth than the American variety. Holds its foliage later in the fall.

Each Per 10 Per 100  
6 to 8 feet ..... \$1.70 \$15.00 \$135.00  
8 to 10 feet ..... 2.00 18.00 165.00  
1 1/4 to 1 1/2 in.  
diameter ..... 2.50 23.00 220.00  
1 1/2 to 1 3/4 in.  
diameter ..... 3.25 30.00 280.00  
1 3/4 to 2 in.  
diameter ..... 4.75 45.00 435.00  
2 to 2 1/2 in.  
diameter ..... 6.00 57.50 560.00

### POPULUS—Poplar

*P. alba pyramidalis* (Bolleana) (Silver). M. New pyramidal form, leaves dark green on upper side, brilliant silver underneath.

Each Per 10 Per 100  
6 to 8 feet ..... \$1.25 \$10.00 \$90.00  
8 to 10 feet ..... 1.50 12.50 110.00  
2 to 2 1/2 in. ..... 4.50 42.00 400.00

*P. deltoides monilifera* (Carolina Poplar) (Carolina). M. A vigorous, healthy native tree of rapid growth, pyramid in form, with large, glossy leaves

Each Per 10 Per 100  
6 to 8 feet, 1 to 1 1/4 inches  
\$ .60 \$ 5.00 \$ 40.00  
8 to 10 feet, 1 1/4 to 1 1/2 inches  
\$ .85 \$ 7.50 \$ 65.00  
10 to 12 feet, 1 1/2 to 1 3/4 inches  
\$ 1.40 \$12.00 \$110.00  
10 to 12 feet, 1 3/4 to 2 inches  
\$ 1.75 \$16.00 \$150.00  
12 to 14 feet, 2 to 2 1/2 inches  
\$ 2.50 \$22.50 \$200.00

*P. nigra italica* (Lombardy Poplar). T. This grows to an immense height, and is remarkable for its columnar growth

*P. cistena* (Hansen's Purple-Leaved Plum). A dwarf hardy variety with rich purplish red foliage.

2 to 3 feet ..... \$0.70 \$6.00

*P. newport* (Purple-Leaved Plum).

Each Per 10 Per 100

4 to 5 feet ..... \$0.90 \$ 8.00 \$75.00

*P. othello* (Purple-Leaved Plum).

Each Per 10 Per 100

3 to 4 feet ..... \$0.70 \$ 6.00 \$55.00

4 to 5 feet ..... \$0.90 \$ 8.00 \$75.00

5 to 6 feet ..... \$1.15 \$10.00 \$95.00

*P. triloba*. See *Amygdalus* under this department.

### QUERCUS—Oak

*Q. alba* (White Oak) T. One of the finest American trees, of large size and spreading branches; leaves lobed, pale green above and glaucous beneath.

Each Per 10

6 to 8 feet ..... \$2.50 \$22.50

*Q. palustris* (Pin Oak). M. Foliage deep green, finely divided; assumes a drooping form when it acquires age. One of the most valuable for street planting.

Each Per 10 Per 100

6 to 8 feet ..... \$3.75 \$35.00 \$325.00

1 1/4 to 1 1/2 in.  
diameter ..... 5.75 55.50 525.00

1 1/2 to 1 3/4 in.  
diameter ..... 7.75 75.00 725.00

1 3/4 to 2 in.  
diameter ..... 8.50 82.50 800.00

2 to 2 1/2 in.  
diameter ..... 10.00 95.00 900.00

*Q. rubra* (Red Oak). T. An American species, of large size and rapid growth, foliage purplish-red in the fall.

Each Per 10

6 to 8 feet ..... \$4.00 \$35.00

8 to 10 feet ..... 5.00 45.00

**LOWEST PRICES  
in many years  
Not just a few items  
but every one we list**

### PRUNUS—Cherry

*P. Paul Wohlgert* (Japan Flowering Cherry). Semi-double, early deep pink; fragrant; flowers in great profusion. The earliest of the large hyacinth flowering varieties.

Each Per 10

4 to 5 feet ..... \$1.80 \$16.00

*P. rhexii*. (Japan Flowering Cherry). 25 ft. A double pure white flowering form of the common Cherry, its characteristic features being the cluster of minute green leaves appearing in the center of the flower. The plant is considerably more dwarf than the common Cherry. It is often used with tall shrubs in border plantings.

Each Per 10

4 to 5 feet ..... \$1.80 \$16.00

*P. sieboldi*. (Japan Flowering Cherry). Double white flowers flushed with pink at tips of petals. Fragrant. 30 ft.

Each Per 10

4 to 5 feet ..... \$1.80 \$16.00

### PRUNUS— Plum-Cherry

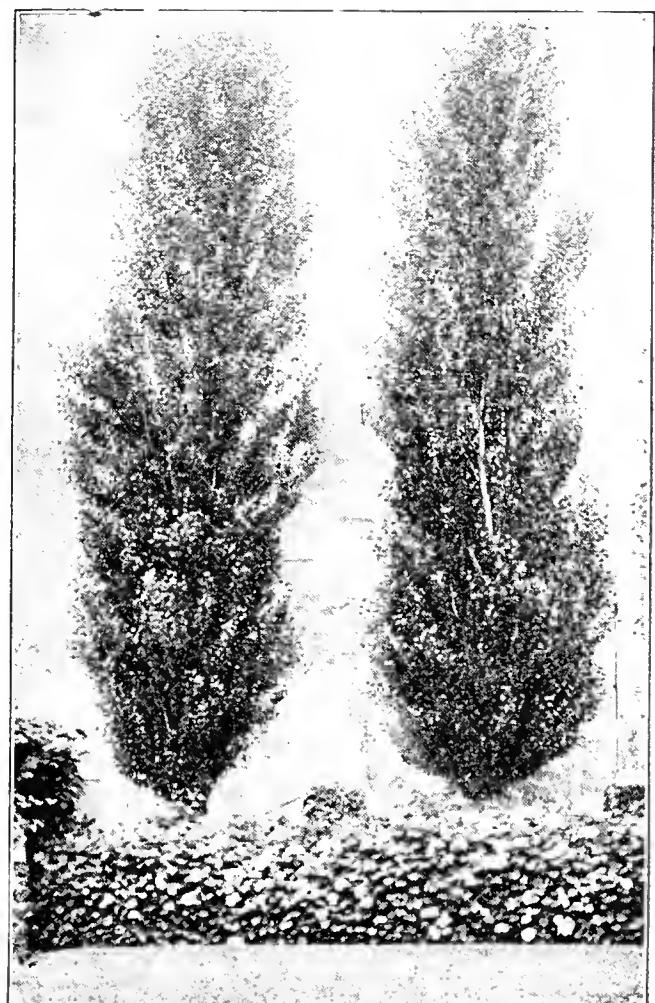
*P. cerasifera pissardii* (Purple-Leaved Plum). S.

Each Per 10 Per 100

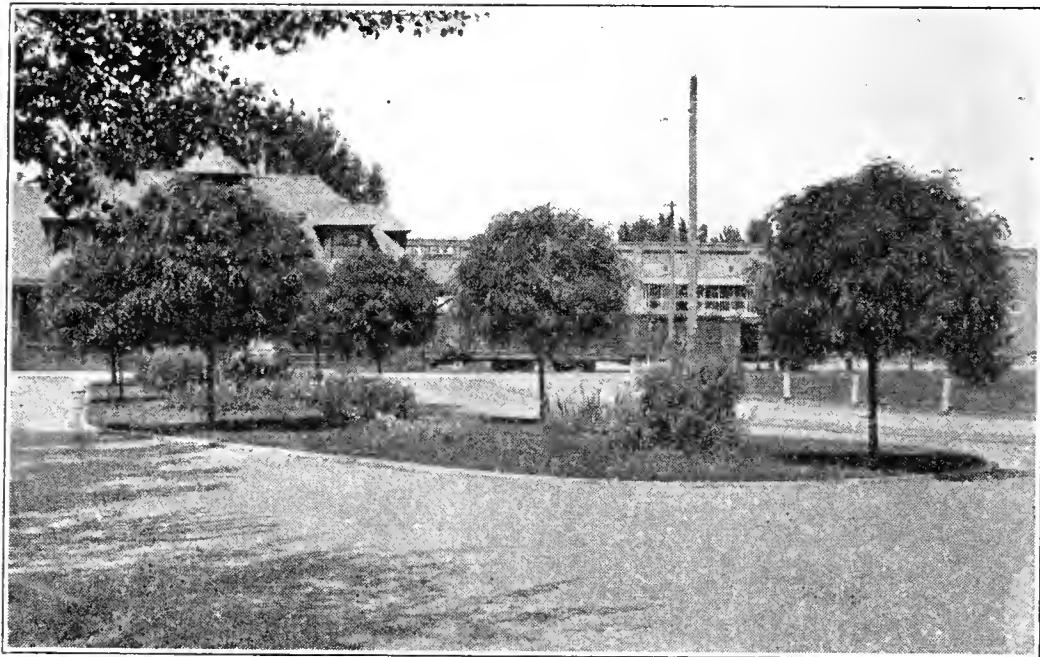
3 to 4 feet ..... \$0.70 \$ 6.00 \$55.00

4 to 5 feet ..... \$0.90 \$ 8.00 \$75.00

5 to 6 feet ..... \$1.15 \$10.00 \$95.00



Lombardy Poplar



Globe Locust

### ROBINIA—Acacia or Locust

*R. pseudo acacia* (Black Locust). M. A native tree, of large size, rapid growth; is being largely planted for timber; it is also quite ornamental. The flowers are in long racemes, white or yellowish, fragrant. Blooms in June. 80 ft. **Each**  
 6 to 8 feet ..... \$0.90  
 8 to 10 feet ..... 1.25

*R. pseudo acacia globosa* (Globe Locust). A thornless, rapid-growing tree with dense, globular head; assumes compact form without shearing. The foliage is dark, glossy green, very healthy and vigorous. Globe Locust can be used wherever Catalpa Bungei is used, and is more adaptable on account of its greater hardiness. It is growing successfully in Alaska, California, South Dakota, Wisconsin, Kansas, Oklahoma, and Colorado.

**Each Per 10**  
 5 to 6 feet stems ..... \$2.25 \$20.00

### SALIX—Willow

All willows should be pruned annually for best results.

*S. caprea* (Goat Willow). S. Also known as Pussy Willow, catkins silky, preceding the leaves; very useful for early effects.

**Each Per 10 Per 100**  
 3 to 4 feet ..... \$0.60 \$ 5.00 \$ 45.00  
 4 to 5 feet ..... .75 6.50 60.00

*S. pentandra* (Laurel Willow). A fine ornamental tree, with large shining leaves. **Each Per 10**  
 4 to 5 feet ..... \$0.50 \$4.00

*S. vitellina aurea* (Golden Willow). M. Grows into a massy low-headed tree. Light green leaves and brilliant golden-yellow bark in winter.

**Each Per 10**  
 5 to 6 feet ..... \$0.65 \$5.50  
 For the Weeping Forms of Salix (Willow)—See Weeping Trees.

### SORBUS—Mountain Ash

*S. aucuparia*. M. A small tree with shining, pinnated leaves and large cymes of white flowers, followed by clusters of bright red fruit.

**Each Per 10**  
 6 to 8 feet ..... \$1.30 \$11.00  
 1 1/4 to 1 1/2 inches ..... 2.25 20.00

*S. quercifolia* (Oak-Leaved Mountain Ash). M. A hardy tree of pyramidal habit. A fine lawn tree.

**Each Per 10**  
 6 to 8 feet ..... \$1.75 \$15.00

**Each Per 10**  
 6 to 8 feet ..... \$1.60 \$15.00

*U. moline* (Moline Elm). This is a recent introduction and is produced entirely by budding. It is very rapid growing and erect, producing an appearance somewhat like a Lombardy Poplar when young and as the tree becomes older it is more spreading, with branches almost horizontal.

**Each Per 10 Per 100**  
 8 to 10 feet ..... \$1.75 \$15.00 \$130.00  
 1 1/4 inches ..... 2.45 22.00 200.00

*U. urni* (Vase-shaped Elm). This is another recent introduction which is produced entirely by budding so as to retain the unusually graceful form of the original tree which is a true vase-shaped Elm. This variety is very fast growing, even more so than the common American Elm, is uniform in habit.

**Each Per 10 Per 100**  
 8 to 10 feet ..... \$1.50 \$12.50 \$110.00  
 1 1/4 inches ..... 2.00 17.50 160.00  
 1 1/2 inches ..... 2.75 25.00 230.00

### U. Pumila, Siberian or Asiatic Elm (New)

A very rapid, graceful-growing tree, leafing out very early and holding its dark green leaves late in the fall. Its extremely hardy and drought-resistant nature makes it a valuable addition to our list.

**Each Per 10**  
 6 to 8 feet ..... \$1.25 \$10.00 \$ 90.00  
 8 to 10 feet ..... 1.60 14.00 130.00  
 1 1/4 to 1 1/2 in. ..... 2.00 17.50 160.00  
 1 1/2 to 1 3/4 in. ..... 2.50 22.50 200.00  
 1 3/4 to 2 in. ..... 3.25 30.00 275.00  
 2 to 2 1/2 in. ..... 4.25 40.00 375.00

## TERMS

## REPLACEMENT OFFER

and

## INFORMATION ABOUT SUBSTITUTION

## PAGE 9

### • a rare bargain in Shade Trees

Every tree in this collection is most desirable and you couldn't invest less than \$5.00 in anything else that would add so much real value to your home. One Silver, 6 to 7 ft.—one Chinese Elm, 6 to 7 ft.—one Lombardy Poplar, 6 to 7 ft.—one Prunus Othello, 5 to 6 ft.—one Bechtel's Flowering Crab, 5 to 6 ft., and one Vase Elm, 6 to 7 ft.

6 fine 5 to 8-foot trees  
 Catalog price \$6.75, Sale price

**\$4.95**

# DECIDUOUS TREES WEEPING

The beauty of weeping trees is always most pleasing in the decorative scheme and landscape artists are using them more and more every year.

## ACER—Maple

**A. saccharinum var. wierlii** (Wier's Cut-leaved Maple). See Deciduous Trees.

## BETULA—Birch

**B. alba laciniata pendula** (Cut-leaved Weeping Birch). T. Trunk straight, slender, white as snow; branches hanging in long pendulous threads from a great height; leaves finely cut; a universal favorite.

Each	Per 10	Per 100
5 to 6 feet	\$2.00	\$17.50
6 to 8 feet	2.50	22.50
8 to 10 feet	3.25	30.00

## MORUS—Mulberry

**M. alba pendula** (Weeping Mulberry). S. A graceful and beautiful hardy tree, forming a perfect umbrella-shaped head, with long slender, willowy branches, drooping to the ground.

Each	Per 10	2 year-heads	Per 10
		\$2.50	\$22.50



Weeping Mulberry

**PRICES  
are lower  
than for many  
years—make the  
most of it!**

## SALIX—Willow

(Weeping.)

**S. babylonica** (Babylonian Weeping Willow). M. A well-known and most graceful tree of large size. Its fresh, bright green tint and long, wavy branches make it very attractive.

Each	Per 10	Per 100
6 to 8 feet	\$1.30	\$11.00
8 to 10 feet	1.65	15.00
1 1/4 to 1 1/2 inches	2.25	20.00

**S. blanda** (Wisconsin Weeping Willow). M. Of drooping habit and beautiful form. The most hardy of all Weeping Willows.

Each	Per 10	Per 100
6 to 8 feet	\$1.30	\$11.00
8 to 10 feet	1.65	15.00
1 1/4 to 1 1/2 inches	2.25	20.00

Weeping Willow. M. Larger.

**S. elegantissima** (Thurlow's) harder and more spreading than the Babylonica. A fine variety where a large tree is desired. This variety does not weep as heavily as the Babylonica.

Each	Per 10	Per 100
6 to 8 feet	\$1.30	\$11.00
8 to 10 feet	1.65	15.00

**S. niobe** (Golden Weeping). Slender leaves, green above, silvery beneath; twigs and bark tinged dark red.

Each	Per 10	Per 100
6 to 8 feet	\$1.30	\$11.00
8 to 10 feet	1.65	15.00
1 1/4 to 1 1/2 in.	2.25	20.00

# Terms, Conditions and General Remarks

**TERMS AND PRICES.** Upon delivery of stock in good condition the terms are cash and C. O. D. orders are sent where conditions warrant. All C. O. D. orders by freight or express must be accompanied by one-half cash. All prices are made to include free packing and are subject to stock being unsold upon receipt of order.

Four plants of a variety will be sold at ten rate, forty at the 100 rate. Less than four plants of a variety at the single price.

**SHIPPING.** Our facilities for packing and shipping are the best and we pack in bales or boxes in best possible manner to insure safe arrival. If no route is given, we use our judgment and ship over most direct route. All stock travels at purchaser's risk.

**PARCEL POST** shipments are packed to travel long distance without least damage to contents. Postage to be paid by consignee.

**NON-WARRANTY CLAUSE.** If nursery stock proves untrue to the name under which it is sold by us, a replacement of the stock, as originally ordered, without charge, or a refund of the purchase price, shall be a complete satisfaction of our liability. Except for such liability, we give no undertaking or warranty, express or implied, as to description, quality, growth, productiveness, or any other matter on any nursery stock we sell. We assume no liability for delays in delivery, or for non-delivery of nursery stock caused by frost, fire, flood, drought, hail, strikes, embargoes, war or other causes beyond our control.

**ERRORS.** Any errors that may occur in filling orders must be reported within five days after receipt of

goods. We will immediately correct same. Complaints entered after the above stated time will not be entertained.

**INSPECTION.** Our nurseries are annually inspected by the State Entomologist and have been found free of San Jose Scale and other dangerous insects and diseases. A copy of certificate of inspection will be attached to every package that leaves our establishment.

**SUBSTITUTION.** It is customary, should the supply of a variety become exhausted (as will occasionally occur in all establishments), to substitute in its place a similar sort if there is such. Should it be desired for us not to do this, please state on your order "No substitution." Persons not acquainted with the different varieties can leave the selection to us, in which case we will select as if planting for ourselves.

**LIBERAL REPLACEMENT OFFER** is made because of our confidence in the vitality of our plants. There are good reasons why plants sometimes fail to grow well after transplanting. Poor soil, careless or improper planting and after culture, excessive drought and neglect, are some of the chief factors of your loss. After delivering plants in good order, it is obvious that we have no control whatever of these future conditions. We agree to resupply f. o. b. our nurseries at one-half the original purchase price, any nursery stock purchased at catalog rates that may fail to grow by July 1 following season planted, from causes other than neglect or abuse. This offer applies only to accounts that are promptly paid when due.

# DECIDUOUS ORNAMENTAL SHRUBS

*furnish the "finishing touch" to the outside of the home, the background or setting for your house*

## ABELIA

**A. grandiflora.** S. In the South this shrub is evergreen, but with us it sheds its leaves during the late winter. Foliage is dark green and glossy, with a pronounced tinge of red in the young branches; a very graceful plant, covered with white flowers, tinged with pink. Should be given protection during winter in this climate.

Each Per 10  
2 to 3 feet ..... B. & B. \$0.75 \$ 6.50  
3 to 4 feet ..... B. & B. 1.25 10.00

## ACANTHOPanax—Aralia

**A. pentaphyllum.** S. Shrub with long slender branches and few spines. Fine for rocky slopes; foliage bright green, shiny. Flowers green in long umbels.

Each Per 10 Per 100  
2 to 3 feet ..... \$0.60 \$5.00 \$45.00  
3 to 4 feet ..... .70 6.00 55.00

## AMORPHIA—False Indigo

**A. fruticosa.** T. A large, spreading bush with pinnate leaves and slender spikes of deep purple flowers; blooms in June.

Each Per 10 Per 100  
2 to 3 feet ..... \$0.55 \$4.50 \$40.00  
3 to 4 feet ..... .65 \$5.50 50.00

## AMYGDALUS—Almond

A class of ornamental shrub or small tree introduced from the mountains of Asia Minor, and succeeding well in common garden soil.

**A. nana rosea** (Double Pink). S. Small double pink flowers borne in abundance in May.

Each Per 10 Per 100  
1½ to 2 feet .... \$0.60 \$5.00 \$45.00  
2 to 3 feet ..... .70 6.00 55.00  
3 to 4 feet ..... .90 8.00 75.00

**A. nana alba** (Double White). S. Small double white flowers borne in abundance in May.

Each Per 10 Per 100  
1½ to 2 feet .... \$0.60 \$5.00 \$45.00  
2 to 3 feet ..... .70 6.00 55.00  
3 to 4 feet ..... .90 8.00 75.00

## ARONIA—Chokeberry

**A. arbutifolia.** S. Upright habit; very pretty in April and May with an abundance of white flowers; its red fruit carries well into the winter.

	Each	Per 10	Per 100
12 to 15 inches.	\$0.45	\$ 3.50	\$ 30.00
15 to 18 inches.	.55	4.50	40.00
18 to 24 inches.	.65	5.50	50.00
24 to 30 inches.	1.30	12.00	100.00

**B. thunbergii minor, dwarf** (Box Barberry). A dwarf form of *Berberis Thunbergii*. Makes a small hedge very compact.

	Each	Per 10
12 to 15 inches.....	\$0.45	\$ 3.50
15 to 18 inches.....	.55	4.50

## BUDDLEIA—Butterfly Bush

**B. davidii magnifica.** S. The flowers are produced on long, graceful stems that terminate in tapering panicles of beautiful lilac-covered flowers of miniature size. It freezes back to the ground in severe winters, but comes up again from the roots. Protect by piling up the soil about 8 or 10 inches around crown before severe freezing weather sets in.

	Each	Per 10	Per 100
2-yr.-old plants.	\$0.30	\$ 2.50	\$ 20.00

**B. farquhari.** D. Rather dwarf, compact growth, with good sized spikes of lilac-purple, very free-flowering and smaller foliage than *Magnifica*.

	Each	Per 10	Per 100
2-year plants,			
No. 1.....	\$0.35	\$ 3.00	\$ 25.00

## CALICARPA—Beauty-Berry

**C. purpurea.** D. A pretty shrub with dense, hairy foliage and showy pink flowers in small racemes. Fruit lilac-violet.

	Each	Per 10	Per 100
18 to 24 inches..	\$0.55	\$ 4.50	\$ 40.00
24 to 30 inches..	.65	5.50	50.00

## CALYCANTHUS—Allspice or Sweet Shrub

**C. floridus.** M. A well-known native bush, bearing double, purple fragrant flowers.

	Each	Per 10	Per 100
18 to 24 inches..	\$0.45	\$ 3.50	\$ 30.00
2 to 3 feet....	.55	4.50	40.00



## CARYOPTERIS—(Blue Beard)

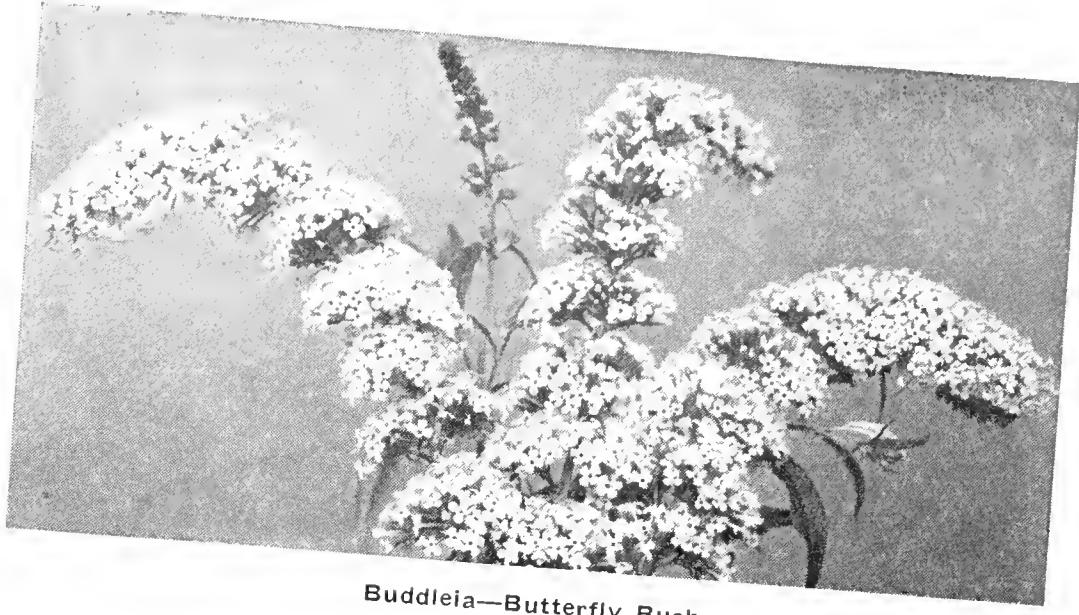
C. *incana* (*Mastacanthus*) (Blue Spirea). D. A handsome, hardy perennial plant from China. The color is of a rich lavender or sky blue. Protect same as roses.

Each Per 10  
2 years, 15 to 18 inches. \$0.50 \$ 4.00

## CEPHALANTHUS—Button Bush

C. *occidentalis*. S. A native shrub with globular heads of white flowers in July.

Each Per 10 Per 100  
2 to 3 feet..... \$0.55 \$ 4.50 \$ 40.00



Buddleia—Butterfly Bush

## CLETHRA—Sweet Pepper Bush

C. *alnifolia* (Summer Sweet). S. A pretty little shrub that blossoms freely for several weeks in summer; very fragrant white flowers in slender racemes.

Each Per 10 Per 100  
18 to 24 inches. \$0.75 \$ 6.50 \$ 60.00  
24 to 30 inches. .85 7.50 70.00

## COLUTEA—Bladder Senna

C. *arborescens* (Tree Colutea). L. Foliage compound, of a pleasing green; flowers pea-shaped, yellow and brownish-red, followed by showy, curiously inflated, reddish seed pods.

Each Per 10 Per 100  
2 to 3 feet..... \$0.55 \$ 4.50 \$ 40.00  
3 to 4 feet..... .65 5.50 50.00

## CORNUS—Cornel or Dogwood

C. *alba siberica* (Siberian Red Dogwood). M. A possible form of the *Cornus Sanguinea*, with intensely colored bark of the deepest crimson. Fine.

Each Per 10 Per 100  
18 to 24 inches. \$0.25 \$ 2.00 \$ 15.00  
2 to 3 feet.... .35 2.50 20.00  
3 to 4 feet.... .50 4.00 35.00

C. *alternifolia* (Pagoda Dogwood). Flowers creamy-white, in large bunches, very fragrant.

Each Per 10 Per 100  
2 to 3 feet..... \$0.80 \$ 7.00 \$ 65.00

C. *amomum* (*sericea*) (Silky Dogwood). S. Purplish branches and

black fruit in winter. Flowers in dense cymes, greenish-white in early summer.

Each Per 10 Per 100  
2 to 3 feet..... \$0.45 \$ 3.50 \$ 30.00  
3 to 4 feet..... .55 4.50 35.00

C. *var. elegantissima variegata*. D. One of the finest variegated shrubs; of rapid growth; the leaves are broadly margined with white, while some are entirely white. Bark bright red in winter.

Each Per 10 Per 100  
2 to 3 feet..... \$0.70 \$ 6.00 \$ 55.00

C. *mascula* (Cornelian Cherry). M. April. A small tree or large shrub with showy, yellow flowers in early spring, followed by deep scarlet fruit.

Each Per 10 Per 100  
2 to 3 feet..... \$1.25 \$ 10.00 \$ 95.00  
3 to 4 feet..... 1.50 13.00 120.00

C. *paniculata* (Gray Dogwood). Ash-colored bark. Pointed leaves, greenish white flowers; white fruit.

Each Per 10 Per 100  
2 to 3 feet..... \$0.50 \$ 4.00 \$ 35.00  
3 to 4 feet..... .60 5.00 45.00

C. *sanguinea* (Blood Twig Dogwood). M. June. Flowers greenish-white, in flat cymes, followed by white fruit; bark deep red and very attractive in winter.

Each Per 10 Per 100  
2 to 3 feet..... \$0.45 \$ 3.50 \$ 30.00  
3 to 4 feet..... .55 4.50 40.00

C. *stolonifera* (Wild Red Dogwood). M. A native species with smooth, slender branches, which are usually red in winter.

Each Per 10 Per 100  
2 to 3 feet..... \$0.45 \$ 3.50 \$ 30.00  
3 to 4 feet..... .55 4.50 40.00

C. *stolonifera aurea* (Golden Twig Dogwood). M. A very pretty shrub for winter color effect, bark bright yellow.

Each Per 10 Per 100  
2 to 3 feet..... \$0.45 \$ 3.50 \$ 30.00  
3 to 4 feet..... .55 4.50 40.00

## CORYLUS—Hazel or Filbert

C. *americana* (American Hazel). M. The common American Hazel.

Each Per 10 Per 100  
2 to 3 feet..... \$0.50 \$ 4.00 \$ 35.00  
3 to 4 feet..... .75 6.50 60.00

C. *purpurea* (Purple Filbert). Purple leaves, suitable for shrubbery groups; for color effects.

Each Per 10  
2 to 3 feet..... \$4.00 \$ 37.50

## COTONEASTER

*Acutifolia*. A dense-growing shrub with small, oval, glossy, dark green leaves. Does not become very tall. Frequently used for specimen growth, and also for hedges.

Each Per 10 Per 100  
24 to 30 inches. \$0.50 \$ 4.00 \$ 35.00

C. *horizontalis* (Rock Cotoneaster). 3 feet dwarf shrub with horizontal or trailing branches; in winter is covered with brilliant red berries and bronze foliage.

Each Per 10  
18 to 24 inches, B&B.... \$2.45 \$ 22.50  
24 to 30 inches, B&B.... 2.95 27.50

## CYDONIA—Japan Quince or Fire Bush

C. *japonica*. M. Flowers very abundant, brilliant crimson-scarlet. Fine for hedging.

Each Per 10 Per 100  
18 to 24 inches. \$0.40 \$ 3.00 \$ 25.00  
2 to 3 feet..... .50 4.00 35.00

## DESMODIUM (Lespedeza)

D. *penduliflorum*. A low-growing shrub with rose-colored flowers in September. Dies to the ground in winter. Attains a height of 3 to 4 feet.

Each Per 10 Per 100  
2-year plants.... \$0.60 \$ 5.00 \$ 45.00

get the thrill of growing something different this year

We suggest that you read catalog descriptions of Magnolia Soulangeana, Chinese Elm, Cornus Florida Rubra, Japanese Maple, Viburnum Rhytidophyllum, Viburnum Carlesi, Globe Locust and American Holly—varieties not well known as yet but which promise to be very popular.

*Desmodium japonica alba*. This variety grows taller and more upright than the *Penduliflorum*, with brighter foliage than *Sieboldii*. The pure white flowers are produced two weeks later.

Each Per 10  
2-year, No. 1.....\$0.70 \$ 6.00

## DEUTZIA

Prices, unless otherwise noted:

	Each	Per 10	Per 100
2 to 3 feet.....	\$0.40	\$ 3.00	\$ 25.00
3 to 4 feet.....	.50	4.00	35.00

*D. scabra candidissima* (Double White). M. Very pretty, pure white.

*D. scabra crenata*. M. The beautiful white single-flowered species that is a mass of bloom in June.

*D. pride of rochester*. M. A fine double variety, rather earlier than *D. Crenata*. Flower pink in bud, white when fully expanded.

*D. rosea plena* (Double Pink). M. This is one of the prettiest, tall-growing varieties.

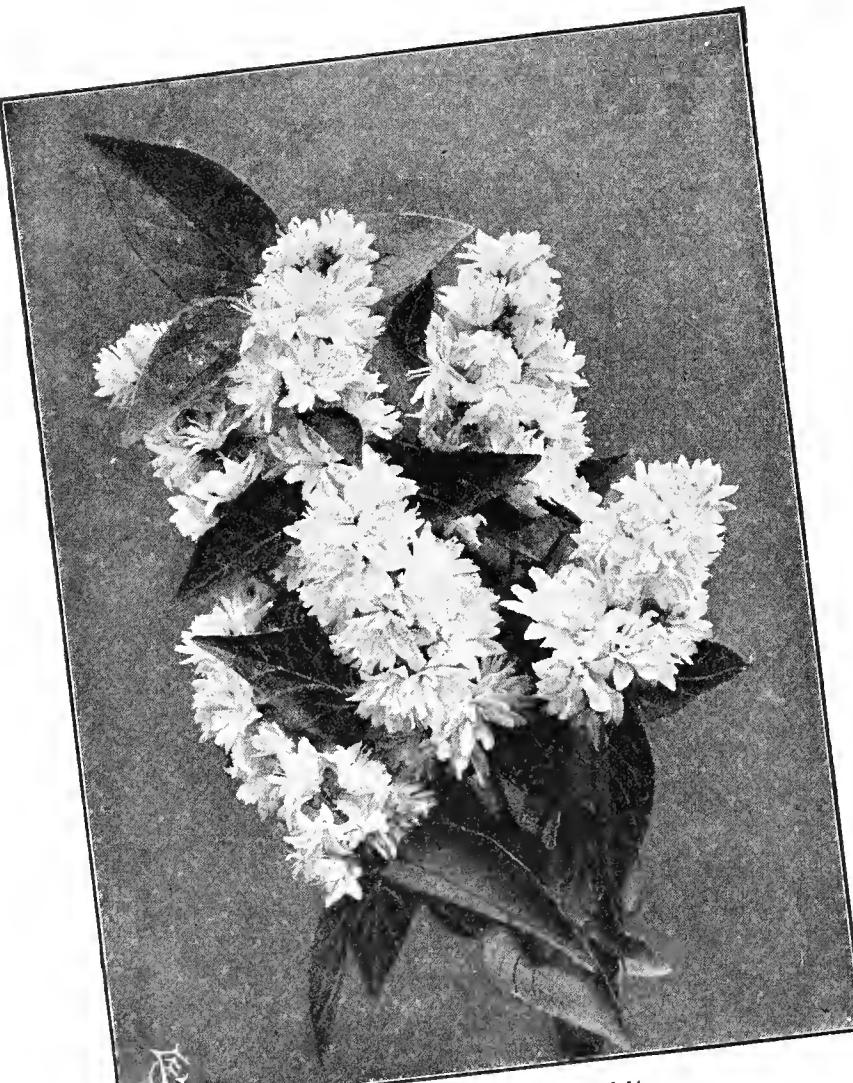
*D. gracilis* (Dwarf). D. A low bush, three or four feet in diameter; flowers pure white and graceful. One of the prettiest and most popular small shrubs.

	Each	Per 10	Per 100
12 to 15 inches ...	\$0.30	\$ 2.00	\$ 15.00
15 to 18 inches ...	.35	2.50	20.00
18 to 24 inches ...	.45	3.50	30.00

*D. gracilis rosea* (Rose Panicle Deutzia). A stronger grower than the white flowered *gracilis*, with single pink flowers. Each Per 10  
18 to 24 inches .....\$0.70 \$6.00

*D. lemoinei*. S. Flowers pure white, borne on stout branches, which are of upright growth. Habit dwarf and free flowering.

	Each	Per 10	Per 100
24 to 30 in. ....	\$0.50	\$ 4.00	\$ 35.00



Deutzia—Double White

## DIERVILLA

*D. sessilifolia* (Lutea). S. Loose clusters, small, yellow flowers in June. A good shrub for a shady position on account of its fresh, green foliage. Grows three to four feet high.

	Each	Per 10	Per 100
2 to 2 1/2 ft.	\$0.55	\$ 4.50	\$ 40.00

## DIERVILLA—Weigela

Prices, unless otherwise noted:

	Each	Per 10	Per 100
2 to 3 feet	\$0.45	\$ 3.50	\$ 30.00
3 to 4 feet	.60	5.00	45.00

*D. hendersonii*. Dark pink, strong grower.

*D. nana variegata*. S. An exceedingly pretty variety, the variegation being very distinct.

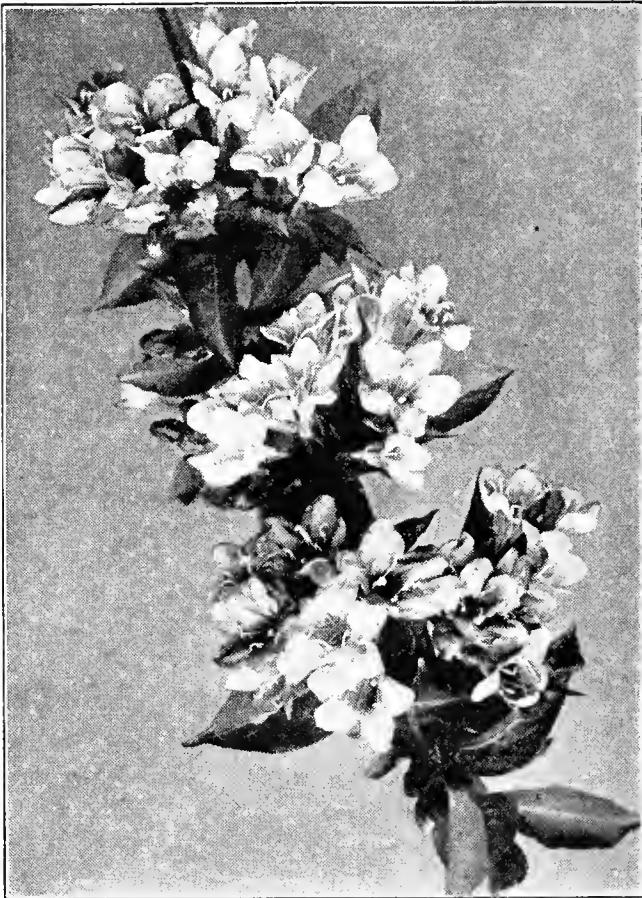
*D. candidata*. M. Flowers pure white and produced in great profusion in June.

*D. floribunda*. M. Flowers dark red. A profuse bloomer.

*D. rosea*. M. Flowers bright rose. Very popular.

*D. eva rathke*. M. Flowers brilliant crimson, a beautiful distinct, clear shade.

	Each	Per 10	Per 100
18 to 24 inches	\$0.45	\$ 3.50	\$ 30.00
2 to 3 feet	.55	4.50	40.00
3 to 4 feet	.70	6.00	55.00



Diervilla—Weigela

**Our Planting Guide  
tells how to get the utmost out of Shrubs—  
Sent FREE with all orders**

## ELEAGNUS—Oleaster

*E. angustifolia* (Russian Olive). T. A large shrub, sometimes of tree form, with long, narrow, silvery-green foliage. The flowers are yellow, followed by silvery fruit.

	Each	Per 10	Per 100
3 to 4 feet .....	\$0.60	\$ 5.00	\$ 45.00
4 to 5 feet .....	.70	6.00	55.00
5 to 6 feet .....	.90	8.00	75.00

*E. longipes* (Cherry Eleagnus). S. A handsome, shapely silver-leaved shrub. The bright yellow flowers appear in June on long stalks. Red fruit.

	Each	Per 10	Per 100
18 to 24 inches .....	\$0.75	\$ 6.50	\$ 60.00
2 to 3 feet .....	.90	8.00	75.00
3 to 4 feet .....	1.25	11.00	100.00

## EUONYMUS—Strawberry or Spindle Tree

*E. alatus* (Cork-barked Euonymus). S. Dwarf, compact habit; wood very corky; leaves small; fruit red. Foliage turns bright red in fall. One of the very finest shrubs for autumn effect.

	Each	Per 10	Per 100
2 to 3 feet .....	\$0.85	\$ 7.50	\$ 70.00
3 to 4 feet .....	1.10	10.00	95.00

*E. bungeanu* (Winter Berry Euonymus). L. Very attractive on account of its rather large, yellowish fruit, which is borne profusely and remains so long upon the branches

	Each	Per 10	Per 100
3 to 4 feet .....	\$0.85	\$ 7.50	\$ 70.00

*E. europaeus* (European Burning Bush). L. From Europe, and a favorite in old gardens; of good size, with rosy-red pods.

	Each	Per 10	Per 100
3 to 4 feet .....	\$0.85	\$ 7.50	\$ 70.00
4 to 5 feet .....	1.10	10.00	95.00
5 to 6 feet .....	1.30	12.00	115.00

## EXOCHORDA—Pearl Bush

*E. grandiflora*. L. Pure white flowers in clusters on light, wiry branches.

	Each	Per 10	Per 100
2 to 3 feet .....	\$0.60	\$5.00	\$45.00
3 to 4 feet .....	75	6.50	60.00

## FORSYTHIA—Golden Bell

	Each	Per 10	Per 100
2 to 3 feet .....	\$0.40	\$3.00	\$25.00
3 to 4 feet .....	.60	5.00	45.00

*F. Intermedia* (Border Forsythia). M. A form with erect, arching branches, foliage resembling *Viridissima* and flowers like *Fortunei*. Very free-flowering.

*F. suspensa* (Weeping Forsythia). M. A very early and showy spring bloomer; flowers bright yellow; branches long and slender.

*F. fortunei* (Fortune's Forsythia). M. Grows upright; foliage deep green; flowers bright yellow.

*F. viridissima* (Green Stem). M. A fine hardy shrub. Leaves and bark deep green; flowers yellow. Very early in spring.

## HAMAMELIS—Witch Hazel

*H. virginica*. M. A tall shrub; yellow flowers; late in fall, just before the leaves fall. Foliage changes to bright colors in the fall.

	Each	Per 10	Per 100
2 to 3 feet .....	\$0.80	\$7.00	\$65.00
3 to 4 feet .....	.95	8.50	80.00

**Read All Bargain Offers—they are worth it!**



Forsythia—Golden Bell

## HIBISCUS SYRIACUS

### —Althea or Rose of Sharon

Prices unless otherwise noted:

Each Per 10 Per 100

18 to 24	inches ..	\$0.30	\$2.00	\$15.00
2 to 3 ft. ..	.40	3.00	25.00	
3 to 4 ft. ..	.50	4.00	30.00	

*H. anemoneflora*. L. Very large flower, measuring  $3\frac{1}{2}$  to 4 inches across; semi-double, red with a very deep red base on outer petals.

*H. ardens*. L. Double violet,  $2\frac{1}{2}$  to 3 inches across flower; petals quilled; vigorous; very fine.

*H. boule de feu*. L. Large flowers, very double, well formed; purplish rose.

*H. duchesse de brabant*. L. Large, reddish-lilac flowers.

*H. jeanne d'arc*. L. One of the best; flowers pure white, double; strong grower.

*H. lady stanley*. L. Very double, white with beautiful blush markings, cardinal base.

*H. lucy*. L. Double, bright red, the brightest of our collections.

*H. rubris*. L. Single red, showing cardinal base, single and almost identical with *Coelstis Rubra*.

*H. snowdrift*. Single white, free flowering, stronger grower than *Toton Alba*.

*H. paeoniaflora*. L. Double, bright rose, dwarf grower, free-flowering.

*H. totus alba*. Single white.

*H. variegata* fl. pl. M. Variegated leaves, flowers very double, seldom open.

	Each	Per 10	Per 100
18 to 24 in. .....	\$0.55	\$4.50	\$40.00
2 to 3 ft. .....	.70	6.00	55.00

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## HYPERICUM—St. John's Wort

*H. aureum*. A new hardy St. John's Wort of shrubby habit, growing from  $2\frac{1}{2}$  to 4 feet high, producing masses of large, clear, yellow flowers during July and August, and retaining its neat foliage until late in the autumn.

Each Per 10 Per 100  
2-year, 24 to 30 inches.....\$0.70 \$ 6.00 \$ 55.00

## ILEX—Common Winterberry

*I. verticillata*. M. Very ornamental in autumn when covered with brilliant red berries, remaining until midwinter.

Each Per 10 Per 100  
2 to 3 feet ..... B. & B. \$1.10 \$10.00 \$95.00  
3 to 4 feet ..... B. & B. 2.50 23.00 ....

## JASMINUM

*J. nudiflorum*. Branches flexible, green; desirable, hardy deciduous climber; thrives in almost any situation and grows with great rapidity; yellow flowers.

Each Per 10  
18 to 24 inches ..... \$0.75 \$6.50

## KERRIA—Corchorus

*K. japonica*. (F). May, June. Yellow, slender shrub, stoloniferous, with bright green branches, which remain so during winter. Foliage a deep green.

Each Per 10 Per 100  
18 to 24 in. ..... \$0.75 \$6.50 \$60.00  
2 to 3 feet ..... .85 7.50 70.00

*K. japonica flora plena*. (F). Identical to above, save globe-shaped double flowers from July to October.

Each Per 10 Per 100  
18 to 24 in. ..... \$0.85 \$7.50 \$70.00  
2 to 3 feet ..... .95 8.50 80.00

## KOLKWITZIA AMABILIS (Beauty Bush)

M. The foliage and habit are attractive when the bush is out of flower and it is perfectly hardy as far north as Montreal. It grows erect and twiggy, produc-

ing long, arching branches covered in spring with clusters of small, tubular flowers of the honeysuckle type, borne in such profusion that the bush is one cloud of delicate pink. It is a sun-loving plant and needs loam and good drainage.

Each Per 10 Per 100  
18 to 24 in. ..... \$0.80 \$7.00 \$65.00  
24 to 30 in. ..... 1.00 9.00 85.00

## LAGERSTROEMIA— Crepemyrtle

Crepemyrtle is rather difficult to plant successfully. For best results severe pruning should be done at plant-

ing time. Cut back to ten inches from ground, water in well and give additional watering at least once a week until the plant has started. We recommend spring planting.

*L. indica purpurea*. Fine purple.

*L. indica rosea*. M. Flowers bright pink, very handsome; petals curled, on long claws; panicle many-flowered, summer blooming. Not hardy here without protection.

*L. indica rubrum*. Dwarf crimson.

Each Per 10 Per 100  
18 to 24 in. ..... \$0.55 \$4.50 \$40.00  
2 to 3 feet ..... .65 5.50 50.00

## LESPEDEZA—See Desmodium

## LIGUSTRUM—Privet

The privet is now one of the best known shrubs, both for hedging and for ornamental planting on the lawn. All of the varieties offered have merit, some for their foliage, some for their berries. They are almost evergreen and of dense habit and bear shearing to any extent.

*L. amurense* (North). (Amour River Privet). A distinct type which has been found hardy in the North. Flowers white, fruit black.

	Each	Per 10	Per 100	Per 1000
12 to 18 inches	\$0.07	\$0.65	\$ 5.50	\$50.00
18 to 24 inches	.10	.85	6.50	60.00
2 to 3 feet	.15	1.20	9.00	80.00

*L. ibolium* (New). A cross between California Privet and Ibota, having the attractiveness of California Privet and the hardiness of Ibota.

Each Per 10 Per 100  
2 to 3 feet ..... \$0.20 \$ 1.50 \$ 12.00

*L. Ibota*. M. The form is spreading, with curving branches. Foliage grayish green; flowers pure white, seeds bluish-black. A good border shrub and hedge plant.

Each Per 10 Per 100  
18 to 24 inches ..... \$0.15 \$ 1.20 \$ 10.00  
2 to 3 feet ..... .20 1.50 12.00

*L. ibota regelianum*. (Regal's Privet). M. A fine, hardy variety, desirable when grown singly as a specimen, or in mass planting; also suitable for hedges. This is one of the berried varieties.

Each Per 10 Per 100  
18 to 24 inches ..... \$0.25 \$ 2.25 \$ 18.00  
24 to 30 inches ..... .35 3.00 25.00  
30 to 36 inches ..... .45 4.00 35.00

*L. ovalifolium*. (California Privet). M. A vigorous, hardy variety, of fine habit, and foliage nearly evergreen.

	Per 10	Per 100	Per 1000
12 to 18 inches, 2-year	\$0.45	\$ 4.00	\$ 30.00
18 to 24 inches, 2-year	.55	5.00	45.00
24 to 30 inches, 2-year	.75	7.00	60.00
30 to 36 inches, 2-year	1.00	9.00	80.00

*L. ovalifolium aureum* (Golden). Same habit of growth as California Privet, but not as strong a grower. Foliage golden.

	Each	Per 10
4-inch pots	\$0.40	\$ 3.50
18 to 24 inches	.50	4.00
24 to 30 inches	.65	5.00

## LET US show you how to improve your home plantings

Planting with a purpose, from carefully worked out plans, gives you landscaping effects that are attractive and successful.

We are ready, at all times, to help plan your home grounds.

Where one does his own planting, it is best to have plans worked out beforehand. They are easily followed and results so much more satisfactory. Developing a place according to a plan is well worth any slight initial expense of having plans made.



Hydrangea

## LONICERA TARTARICA— Upright Honeysuckle

Prices, unless otherwise noted:

	Each	Per 10	Per 100
2 to 3 feet.....	\$0.45	\$ 3.50	\$ 30.00
3 to 4 feet.....	.55	4.50	35.00

*L. tartarica rubra*. M. Pink flowers, which contrast with the foliage. June.

*L. bella albida*. M. Flowers white, bright red fruit in great profusion; very fine.

*L. morrowi*. M. A fine variety from Japan; valuable for its handsome red fruit.

*L. tartarica alba*. M. Creamy white, fragrant flowers; forms a high bush. May and June.

*L. tartarica grandiflora rosea*. M. A beautiful shrub, very vigorous, and producing bright red flowers striped with white, in June.

*L. fragrantissima*. M. Its pretty pink and white flowers are numerous, but not very showy. Delightful fragrance.

	Each	Per 10	Per 100
2 to 3 feet.....	\$0.50	\$ 4.00	\$ 35.00
3 to 4 feet.....	.60	5.00	45.00

## PHILADELPHUS—Syringa or Mock Orange

Prices, unless otherwise noted:

	Each	Per 10	Per 100
2 to 3 feet.....	\$0.45	\$ 3.50	\$ 30.00
3 to 4 feet.....	.55	4.50	40.00

*P. cor. follis aureis* (Golden Syringa). D. A dense growing form, with clear, golden-yellow foliage well retained in color all summer.

	Each	Per 10	Per 100
15 to 18 inches..	\$0.50	\$ 4.00	\$ 35.00
18 to 24 inches..	.65	5.50	50.00

*P. coronarius* (Sweet Mock Orange). L. Early June. Fragrant pure white flowers, in dense clusters.

*P. cor. grandiflorus* (Large Flowering.) L. Has showy large flowers, slightly fragrant; branches somewhat straggling.

*P. cor. lewisi* (Gordon's Syringa). L. Vigorous grower and profuse bloom-

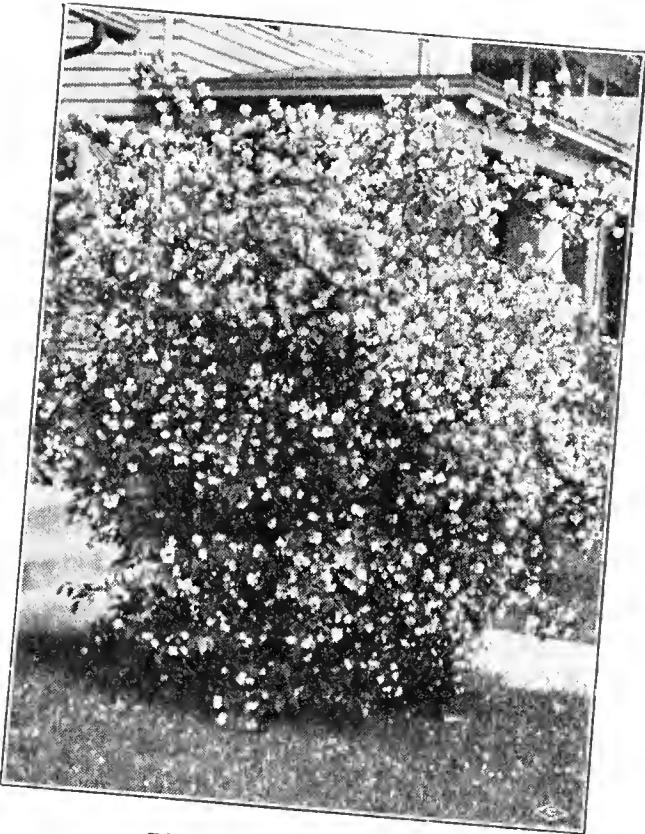
er; flowers slightly fragrant; late bloomer.

*P. lemoinei*. M. A charming variety of upright growth; flowers small, yellowish white, fragrant, completely covering the plant.

	Each	Per 10	Per 100
18 to 24 inches	\$0.40	\$ 3.00	\$ 25.00
24 to 30 inches	\$0.50	\$ 4.00	\$ 35.00

*P. virginiana*. A magnificent new variety. The bush grows moderately tall, with good foliage. The flowers are the largest, handsomest and most sweetly fragrant of any known variety, with longest blooming season.

	Each	Per 10	Per 100
18 to 24 in.	\$0.40	\$ 3.00	\$ 25.00
2 to 3 ft.	\$0.50	\$ 4.00	\$ 35.00
3 to 4 ft.	\$0.65	\$ 5.50	\$ 50.00



Philadelphus—Mock Orange

## PHYSOCARPUS— Opulaster

*P. opulifolius*. (Spirea). (Nine Bark). M. A strong-growing shrub with white flowers.

	Each	Per 10	Per 100
2 to 3 feet .....	\$0.40	\$ 3.00	\$ 25.00
3 to 4 feet .....	.50	4.00	35.00

*P. opulifolius luteus*. (Golden Leaf). M. Very conspicuous from the golden hue of its foliage; of strong growth.

	Each	Per 10	Per 100
2 to 3 feet.....	\$0.40	\$ 3.00	\$ 25.00
3 to 4 feet .....	.50	4.00	35.00

## POTENTILLA—Cinquefoil

*P. fruticosa*. D. A good dwarf shrub with dense narrow foliage, gray-green leaves with numerous single yellow flowers throughout the summer.

	Each	Per 10	Per 100
18 to 24 inches ..	\$0.65	\$ 5.50	\$ 50.00
24 to 30 inches ..	.75	6.50	60.00

## RHAMNUS (Buckthorn)

*R. catharticus*. (Common Buckthorn). A stiff twiggy shrub with white flowers in June and July, succeeded by black berries.

	Each	Per 10	Per 100
2 to 3 feet .....	\$0.35	\$ 2.50	\$ 20.00
3 to 4 feet .....	.50	4.00	35.00

## RHODOTYPOS—White Kerria or Jetbead

*R. kerrioides*. L. It is a slender branched bush, with very pretty, deeply veined leaves, and pure white flowers, borne at intervals all summer.

	Each	Per 10	Per 100
2 to 3 feet .....	\$0.60	\$ 5.00	\$ 45.00
3 to 3 1/2 feet .....	.70	6.00	55.00

## RHUS—Sumach

*R. canadensis (aromatica)* (Fragrant Sumach). S. A native variety, exhaling a strong odor. Flowers greenish-white; leaves lobed.

	Each	Per 10	Per 100
2 to 3 feet .....	\$0.70	\$ 6.00	\$ 55.00
3 to 4 feet .....	.90	8.00	75.00

*R. copallina* (Shining Sumach). S. Shining green foliage, changing to rich crimson in autumn; greenish-yellow flowers in August.

	Each	Per 10	Per 100
2 to 3 feet .....	\$0.70	\$ 6.00	\$ 55.00
3 to 4 feet .....	.90	8.00	75.00

*R. cotinus* (Purple Fringe). L. A much admired small tree or shrub for its curious fringe of hair-like flowers that cover the whole surface of the plants in the middle summer. From a distance it has a smoky appearance, 8 to 10 ft. This variety is very scarce.

	Each	Per 10	Per 100
3 to 4 feet .....	\$1.35	\$ 12.50	
4 to 5 feet .....	1.65	15.00	

*R. glabra* (Smooth Sumach). L. Very effective in autumn with its crimson seeds and foliage.

	Each	Per 10	Per 100
2 to 3 feet .....	\$0.45	\$ 3.50	\$ 30.00
3 to 4 feet .....	.55	4.50	40.00

This collection contains seven lovely Shrubs: 1 Amygdalus Rosea, 2 Weigelia Rosea, 2 Callicarpa Purpurea, 2 Grootendorst Roses—and sell singly for \$4.75  
—offered as a Special Value  
at

\$ 3 10



Spirea  
Van Houttei

### RHUS—Sumach—Cont'd

R. <i>typhina</i> (Staghorn Sumach). L.	A large shrub or tree, brilliant foliage and scarlet fruit in autumn.
	Each Per 10 Per 100
3 to 4 feet .....	\$0.55 \$4.50 \$40.00
R. <i>typhina laciniata</i> (Cut-leaf Staghorn Sumach). L.	A large shrub or tree, brilliant foliage and scarlet fruit in autumn.
	Each Per 10 Per 100
3 to 4 feet .....	\$0.65 \$5.50 \$50.00

### RIBES—Currant

R. <i>odoratum (aureum)</i> (Missouri Currant). M.	May. Golden-yellow, spicily fragrant flowers in showy racemes. Foliage shining and glabrous, taking on showy autumnal coloring.
	Each Per 10 Per 100
18 to 24 in. ....	\$0.35 \$2.50 \$20.00
2 to 3 ft. ....	.45 3.50 30.00
3 to 4 feet .....	.55 4.50 40.00

### ROBENIA—Locust or Acacia

R. <i>hispida</i> (Rose or Moss Locust). M.	A native shrub of spreading, irregular growth. Flowers rose-colored in long clusters in June.
	Each Per 10
3 to 4 ft., top grafts ....	\$2.00 \$17.50
4 to 5 feet .....	2.50 22.50

we have created landscaping plans for fine homes all through the central west  
wouldn't you like to replant your grounds?

### PLANTING AND CULTURAL HINTS

The actual planting operation is similar to that suggested for other nursery stock. Stake out your holes, remembering that it is easier to move a stake than a shrub after it is planted. In other words, get your spacing right. A good rule to follow is—a shrub will spread approximately as wide as it grows tall—in other words, if the shrub matures at 4 feet, it will spread that much.

Dig the holes large enough to take the roots without crowding. Deep enough to permit planting an inch lower than they stood in the nursery row.

### SAMBUCUS—Elder

S. <i>canadensis</i> (Common American Elder). L.	Broad panicles of white flowers in June; reddish-purple berries in autumn. A well-known native shrub.
2 to 3 feet .....	Each Per 10 Per 100 \$0.40 \$3.00 \$25.00
3 to 4 feet .....	.50 4.00 35.00
S. <i>canadensis aurea</i> (Golden). L.	A beautiful golden-foliaged form. Very useful for foliage effect.
2 to 3 feet .....	Each Per 10 Per 100 \$0.40 \$3.00 \$25.00
3 to 4 feet .....	.50 4.00 35.00
S. <i>canadensis acutiloba</i> (Cut-leaved). L.	Deeply cut foliage.
2 to 3 feet .....	Each Per 10 Per 100 \$0.40 \$3.00 \$25.00
3 to 4 feet .....	.50 4.00 35.00
S. <i>nigra variegata</i> (Variegated). L.	Foliage beautifully variegated with silver and green.
2 to 3 feet .....	Each Per 10 Per 100 \$0.50 \$4.00 \$35.00
3 to 4 feet .....	.60 5.00 45.00
S. <i>racemosa</i> (Pubens or Red-berried Elder). L.	White flowers in panicles in spring, followed by bright red berries.
2 to 3 feet .....	Each Per 10 Per 100 \$0.50 \$4.00 \$35.00
3 to 4 feet .....	.60 5.00 45.00

### SPIREA---Meadow Sweet

An indispensable class of small to medium-sized shrubs embracing a wide range of foliage, habit of growth, color of flowers and season of blooming. All of easiest culture in all soils.

Prices on following varieties:	Each Per 10 Per 100
18 to 24 inches .....	\$0.35 \$2.50 \$20.00
2 to 3 feet .....	.45 3.50 30.00
3 to 4 feet .....	.55 4.50 40.00
S. <i>alba salicifolia</i> (Willow-leaved). M.	Long, narrow, pointed leaves, and rose-colored flowers in June and July.
S. <i>billardi</i> . M.	Medium sized shrub, producing spiked panicles of flowers, bright rose color.
S. <i>douglasii</i> . M.	Immense terminal spikes of deep rose-colored flowers. One of the best.
S. <i>fontenayii alba</i> .	M. A pretty variety, with white flowers in summer. Upright grower.
S. <i>opulifolia</i> .	(See <i>Physocarpus</i> ).
S. <i>reesiana</i> (Lance-leaved—Single). M.	One of the most ornamental; showy flowers, pure white, in umbels and very numerous.

#### Special varieties quoted below:

S. <i>anthony waterer</i> . D.	A new crimson flowered variety; one of the most beautiful of dwarf flowering shrubs. It makes a low, compact bush for border planting.
	Each Per 10 Per 100
15 to 18 in. ....	\$0.30 \$2.00 \$16.00
18 to 24 in. ....	.40 3.00 25.00
S. <i>fortunei</i> (Callosa Rosea).	Flowers deep rose-red.
	Each Per 10 Per 100
18 to 24 in. ....	\$0.40 \$3.00 \$25.00
24 to 30 in. ....	.50 4.00 35.00
S. <i>multiflora arguta</i> . S.	Of dwarf habit; flowers clear white. The best early-flowering White Spirea. Early May.
	Each Per 10 Per 100
18 to 24 in. ....	\$0.30 \$2.00 \$16.00
24 to 30 in. ....	.40 3.00 25.00
30 to 36 in. ....	.50 4.00 35.00
S. <i>prunifolia</i> . M.	Very distinct, with numerous small, double white flowers, blooming early.
	Each Per 10 Per 100
2 to 3 feet .....	\$0.50 \$4.00 \$35.00
3 to 4 feet .....	.60 5.00 45.00
S. <i>thunbergii</i> (Snow Garland). S.	Dwarf habit and round, graceful form; branches slender and somewhat drooping; foliage narrow and yellowish-green. Flower small, white. Early bloomer.
	Each Per 10 Per 100
18 to 24 in. ....	\$0.35 \$2.50 \$20.00
24 to 30 in. ....	.45 3.50 30.00

Now, don't simply shovel in the soil, but pulverize it and add a little at a time, shaking the plants so the soil will fall in between the roots. Tread or tamp as you fill until near the top. Apply the last two inches loose and be sure that no mound of soil is left about the plant.

The first season after planting keep the ground well stirred, watered and fertilized. Mulching will not be out of place where more convenient than cultivation.

## SPIREA TRICHOCARPA

### (Korean Spirea)

S. A handsome new shrub, introduced from Korea. It is a splendid healthy plant, growing when mature, 4 to 6 feet tall, and has a larger spread, forming a big, dome-shaped bush, covered in its season with large, rounded clusters of snowy-white flowers marked with darker eyes. Blooms two weeks later than Van Houttei. It retains its beautiful glossy green foliage late into the autumn. Thriving in ordinary garden soil, the shrub enjoys sunshine and full exposure.

Each Per 10  
2 to 3 feet ..... \$0.80 \$7.00

**S. vanhoutte.** M. The grandest of all Spireas. It is a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. Perfectly hardy and an early bloomer.

Each Per 10 Per 100  
18 to 24 in. ..... \$0.20 \$1.50 \$12.00  
2 to 3 ft. ..... .30 2.00 16.00  
3 to 4 ft. ..... .40 3.00 25.00

## SYRINGA—Lilac

Lilacs are decidedly most effective when planted in groups. They produce an abundance of showy flowers in spring and early summer.

**S. japonica** (Japanese Tree Lilac). M. A species from Japan, becoming a good-sized tree. Foliage dark green, glossy; leathery; flowers creamy-white, odorless, in great panicles. A month later than other lilacs.

Each Per 10 Per 100  
2 to 3 feet ..... \$0.70 \$6.00 \$55.00  
3 to 4 feet ..... .80 7.00 65.00

**S. josikea** (Hungarian Lilac). M. A fine distinct species of tree-like growth, with dark shining leaves and purple flowers in June, after the other Lilacs have done blooming. Esteemed for its fine habit and foliage.

Each Per 10 Per 100  
2 to 3 feet ..... \$0.70 \$6.00 \$55.00  
3 to 4 feet ..... .85 7.50 70.00

**S. persica** (Persian Lilac). Its pale lilac flowers are very fragrant and are borne in large, loose panicles in late spring.

Each Per 10 Per 100  
3 to 4 feet ..... \$0.60 \$5.00 \$45.00

**S. persica alba.** White form of Persian Lilac.

Each Per 10  
2 to 3 feet ..... \$1.00 \$9.00

**S. rothomagensis (chinensis)** (Rouen Lilac). M. A distinct hybrid variety, with reddish flowers; panicles of great size and very abundant.

Each Per 10 Per 100  
2 to 3 feet ..... \$0.45 \$3.50 \$30.00  
3 to 4 feet ..... .55 4.50 40.00

**S. villosa** (Japan Lilac). M. A species from Japan. Large branching panicles; flowers light purple in bud, white when open, fragrant. Especially valuable for late flowering. Single.

Each Per 10 Per 100  
2 to 3 feet ..... \$0.45 \$3.50 \$30.00  
3 to 4 feet ..... .60 5.00 45.00

**S. vulgaris** (Common Purple Lilac). M. Large shrub with larger leaves and flowers than above. Flowers bluish-purple.

Each Per 10 Per 100  
2 to 3 feet ..... \$0.35 \$2.50 \$22.00  
3 to 4 feet ..... .45 3.50 32.00  
4 to 5 feet ..... .60 5.00 45.00

**S. vulgaris alba** (Common White Lilac). M. Flowers in slender panicles, pure white and fragrant.

Each Per 10 Per 100  
2 to 3 feet ..... \$0.60 \$5.00 \$45.00  
3 to 4 feet ..... .75 6.50 60.00

## STEPHANANDRA

**S. flexuosa.** D. A beautiful low shrub with very ornamental deep green, dense foliage. Flowers insignificant, in small terminal panicles. Freezes back during the winter.

Each Per 10 Per 100  
18 to 24 in. ..... \$0.50 4.00 36.00  
2 to 3 feet ..... .60 5.00 46.00

## SYMPHORICARPUS—St. Peter's Wort or Waxberry

**S. racemosus** (Snowberry). S. Flowers inconspicuous, rose-colored in June and July; leaves thin, dark green; fruits large, milk-white, clustered; persistent until late in winter.

**S. molle.** Spreading Snowberry. Same as Racemosus, with more spreading branches.

Each Per 10 Per 100  
18 to 24 in. ..... \$0.25 \$2.00 \$15.00  
2 to 3 feet ..... .35 2.50 20.00

**A Lilac Hedge will screen unsightly back yards effectively at small cost**

## Named Varieties of Lilacs

The following list of Lilacs have larger spikes of flowers and are to be had in wider range of color than the common Lilacs.

### Single and double varieties:

Each Per 10	Per 100
2 to 3 feet	\$0.85 \$7.50 \$70.00
3 to 4 feet	1.00 9.00 85.00

**Alphonse Lavallie.** Beautiful blue, shading violet. Double.

**Belle de Nancy.** Great panicles of satiny rose, almost white center. Double.

**Charles X.** Large trusses, rather loose, reddish purple.

**G. Chas. Jolly.** Double dark red.

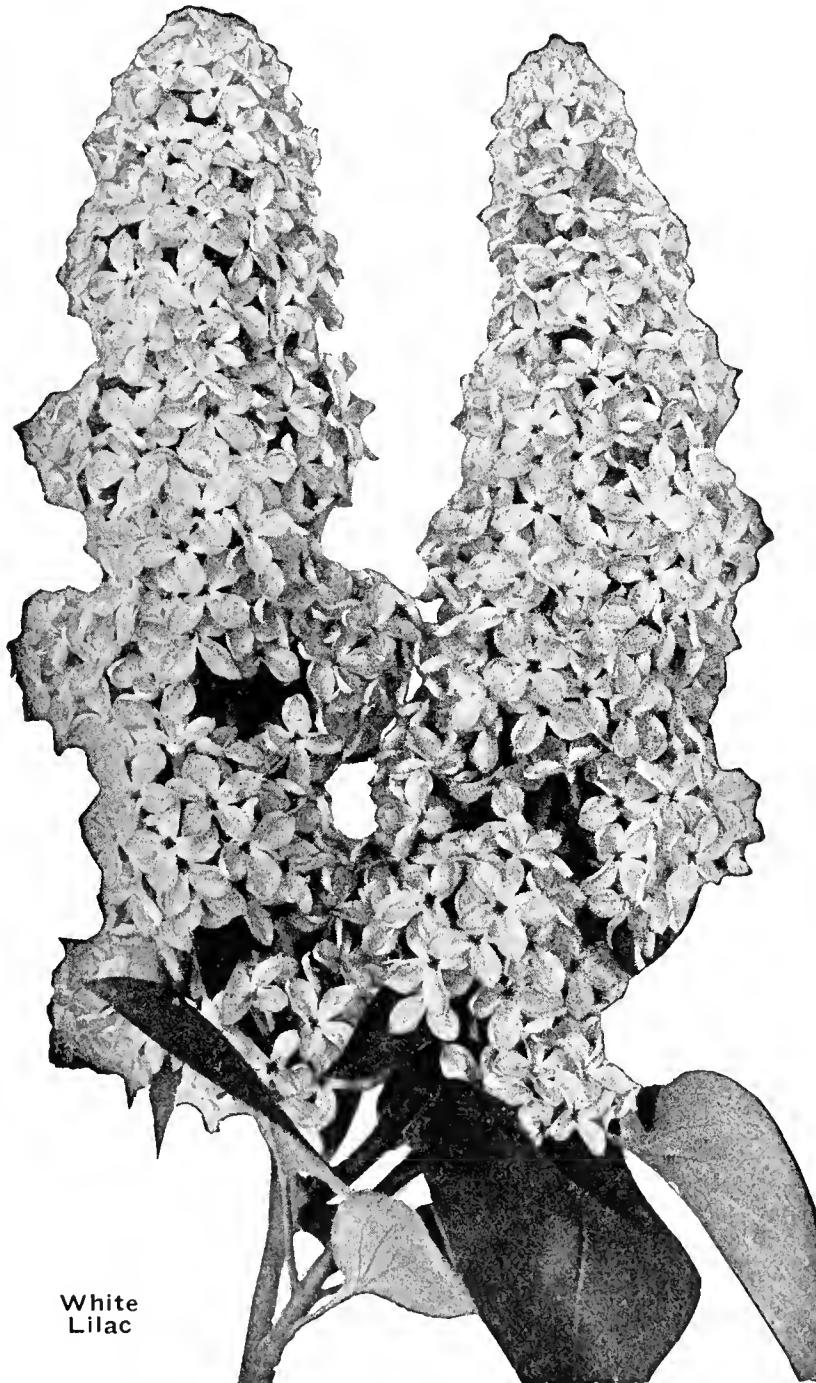
**Marie Legraye.** Single white flowers in large panicles.

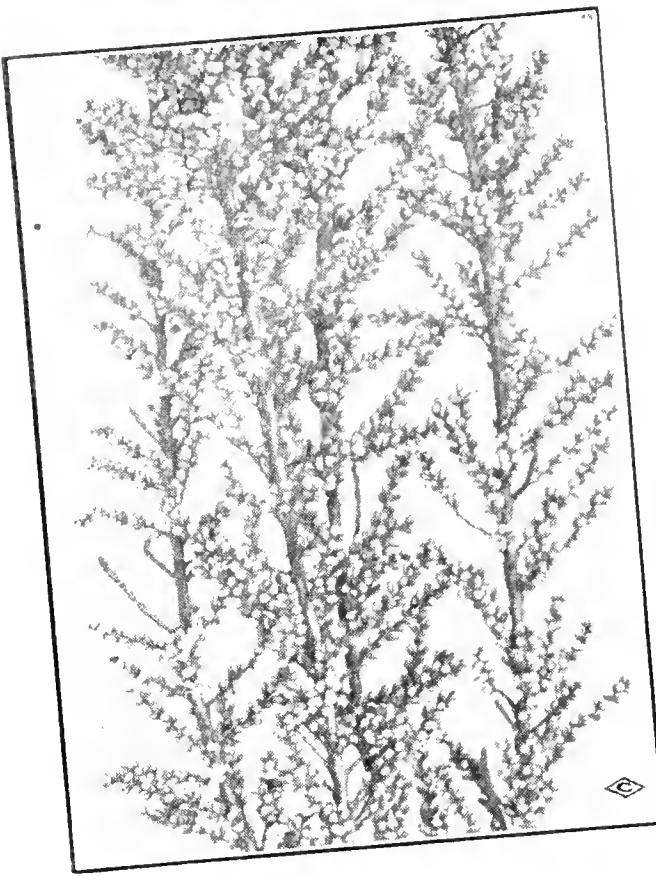
**Michael Buchner.** Double flower of pale lilac.

**Mad. Lemoine.** Pure white. Double.

**President Grevy.** Beautiful blue flowers in huge panicles.

**Souvenir de Ludwig Spaeth.** Single dark purplish-blue flowers in long panicles.





Tamarix

### TAMARIX—Tamarisk

Prices unless otherwise noted:

Each Per 10 Per 100

2 to 3 feet	\$0.45	\$3.50	\$30.00
3 to 4 feet	.55	4.50	40.00
4 to 5 feet	.65	5.50	50.00
<b>T. odessana</b> (Caspian Tamarisk). A new variety with pale rose flowers, blooming earlier than Gallica.			
<b>T. tetrandra purpurea</b> . L. Of dwarf and more dense growth than <i>T. Africana</i> . Purplish-pink flowers in midsummer.			
<b>T. africana</b> . L. A tall, graceful shrub, delicate small rosypurple flowers, produced in spikes. Green foliage.			
<b>T. gallica</b> (French Tamarix). L. Delicate pink or white flowers in slender panicled racemes; leaves bluish-green. An exceedingly pretty species.			
<b>T. hispida</b> . L. In July the branches are covered on the half of their length with numerous inflorescences of large flowers of a nice bright carmine. Foliage silvery. Spreading habit.			
2 to 3 feet	\$0.55	\$4.50	\$40.00
3 to 4 feet	.65	5.50	50.00

### VIBURNUM—Snowball

<b>V. carlesii</b> . A valuable recent introduction from Korea, producing its delicate, spice-scented flowers in May and June. The buds before expanding are an attractive pink, developing into Bouvardia-like umbels of pure white. Flowers preserve their perfect form and purity of color an unusually long time.	Each Per 10 Per 100
15 to 18 inches	\$1.40
18 to 24 inches	1.80
24 to 30 inches, B. & B.	2.75
<b>V. dentatum</b> (Arrowwood). M. A fine shrub for massing for foliage effect. Flowers greenish-white.	
2 to 3 feet	\$0.50
3 to 4 feet	.60
<b>V. lantana</b> (Wayfaring Tree). L. A large robust shrub, with soft, heavy leaves and large clusters of white flowers in May, succeeded with red fruit; retains its foliage very late.	
2 to 3 feet	\$0.60
3 to 4 feet	.80
<b>V. lentago</b> (Sheepberry). L. Foliage light glossy green. Flowers creamy white, very fragrant.	
2 to 3 feet	\$0.60
<b>V. opulus</b> (European High Bush Cranberry). Very ornamental. Berries resembling small cranberries, hang until destroyed by frost in late fall.	
18 to 24 inches	\$0.45
2 to 3 feet	.55
3 to 4 feet	.70
<b>V. opulus sterile</b> (Common Snowball). L. An old and well-known shrub, bearing large balls of pure white flowers.	
18 to 24 inches	\$0.40
2 to 3 feet	.55
3 to 4 feet	.70

<b>V. tomentosum</b> . M. The single form of <i>V. Plicatum</i> ; flowers pure white, borne along the branches in flat cymes, in the greatest profusion early in June.	Each Per 10 Per 100
2 to 3 feet	\$0.70
3 to 4 feet	.85
<b>V. tomentosum plicatum</b> (Japan Snowball). M. A rare and exceedingly beautiful species of Japan; flowers in large, globular heads; pure white, hanging long on the bush.	
18 to 24 inches	\$0.65
2 to 3 feet	.75

### VITEX—Chaste Tree

**Vitex agnus castus**. A graceful shrub, growing from 5 to 6 feet high, with dense spikes 6 to 8 inches long, of lilac-colored flowers late in summer.

<b>V. agnus castus alba</b> . Same as Agnus Castus in growth, but has white flowers.	Each Per 10 Per 100
2 to 3 feet	\$0.50

### WEIGELA—See Diervilla, page 12.

## Shrubs for Backyards or Borders

### Sunny Exposure.

#### A—HIGH-GROWING

All shrubs in Group I-A.	3 1/2-4 1/2 ft.
Buckthorns	3-4 ft.
Cornus—in variety	3 1/2-4 1/2 ft.
Euonymous Europaeus	4-5 ft.
Forsythia—in variety	4-5 ft.
Hazlenut	4-5 ft.
Lilacs—in variety	4-5 ft.
Prunus Pissardi	5-6 ft.
Spireas—Opulifolia and Op. Aurea	3-4 ft.
Sumacs—in variety	4-5 ft.
Witch Hazel	4-5 ft.

### DISTANCE APART TO SET THE PLANTS

#### B—MEDIUM HEIGHT:

All shrubs in I-B.	3 1/2-4 ft.
Aralia Pentaphylla	3-4 ft.
Buddleia Magnifica	2 1/2-3 ft.
Desmodium	2 1/2-3 ft.
Deutzias—Lemoinci, Magnificata, etc.	3-5 ft.
Rosa Hugonis	3-5 ft.

### PLANTING INTERVAL

#### C—LOW-GROWING:

All plants in I-C.	2 1/2-3 1/2 ft.
Aronia—Arbutifolia, and Melanocarpa	2 1/2-3 1/2 ft.
Clethra Alnifolia	2 1/2-3 1/2 ft.
Forsythia Suspensa	2 1/2-3 1/2 ft.
All the dwarf Spireas	2 1/2-3 1/2 ft.

### PLANTING INTERVAL

#### A—HIGH GROWING:

All plants in II-A.	3-5 ft.
Cornus—in variety	3-5 ft.
Bush Honeysuckle—in variety	4-5 ft.
Viburnums—in variety	4-5 ft.
Witch Hazel	4-5 ft.

### PLANTING INTERVAL

#### B—MEDIUM HEIGHT:

All plants in II-B.	3 1/2-4 ft.
Aralia Pentaphylla	3 1/2-4 ft.

#### C—LOW-GROWING:

All plants in II-C.	2-2 1/2 ft.
Clethra Alnifolia	2-2 1/2 ft.
Viburnum Opulus Nanum	2-2 1/2 ft.



Snowball

# ORNAMENTAL VINES and CLIMBERS

Vines are often used for covering stone walls, rocky banks, and steep slopes, where they are not only beautiful, but the fragrance from the flowers is pleasing. Innumerable uses for vines will suggest themselves when improving a property.

## AKEBIA

**A. quinata.** A beautiful, hardy Japanese vine, with unique foliage and chocolate purple flowers of delightful fragrance in large clusters.

Each Per 10 Per 100  
2-year-old plants ..... \$0.55 \$4.50 40.00

## AMPELOPSIS

**A. quinquefolia** (American Ivy or Virginia Creeper). Has beautiful digitate leaves that become rich crimson in autumn; a very rapid grower. One of the finest vines for covering walls, verandas or trunks of trees.

Each Per 10 Per 100  
2-year-old plants ..... \$0.40 \$3.00 \$25.00

**A. quinquefolia engelmanni** (Engelmanni Ivy). Shorter, jointed than Quinquefolia. A good climber; grows 6 to 10 feet in a season.

Each Per 10 Per 100  
2-year-old-plants ..... \$0.35 \$2.50 \$22.00

**A. tricuspidata veitchi** (Boston Ivy). Of Japanese origin; entirely hardy, with foliage turning brilliant red in autumn. It clings tightly to walls, and is unsurpassed as a basket or vase plant.

Each Per 10 Per 100  
2-year-old-plants ..... \$0.55 \$4.50 \$40.00  
2-year-old potted plants ..... .80 .....

## BIGNONIA—Trumpet Vine

**B. radicans** (American Climbing Trumpet Vine). A splendid, hardy climbing plant, with large trumpet-shaped scarlet flowers in August.

Each Per 10 Per 100  
2-year-old-plants ..... \$0.45 \$3.50 \$30.00

## VINES for climbing

On porch, trellis, fence or wall. Those types which cling to wood, stone, brick or stucco are designated by a (\*); the rest twine or need support.

### Distance Apart to Set Plants

Actinidia Arguta .....	4 to 6 feet
Akebia Quinata .....	6 to 10 feet
*Ampelopsis—in var. (Veitchi, 4 to 6 ft.) (shade)	6 to 10 feet
*Bignonia Radicans (Trumpet Vine) .....	6 to 10 feet
Bittersweet (Celastrus Scandens) .....	6 to 10 feet
Clematis—in variety .....	6 to 10 feet
Dutchman's Pipe (Aristolochia Sipho) (shade)	4 to 6 feet
Euonymous Radicans—in variety .....	4 to 6 feet
Honeysuckles—in variety (Halleana in shade)	8 to 10 feet
Kudzu Vine (Pueraria Thunbergiana) .....	4 to 6 feet
Climbing Roses—in extensive variety .....	6 to 8 feet
Silver Lace Vine (Polygonum Auberti) .....	4 to 8 feet
Wisterias—in variety .....	8 to 10 feet

## CELASTRUS—Bittersweet

**C. scandens.** A native climber, with handsome, glossy foliage and large clusters of beautiful orange-crimson fruits, retaining all winter.

Each Per 10 Per 100  
2-year-old-plants ..... \$0.50 \$4.00 \$35.00

**C. orbiculatus** (Japan Bittersweet). Brilliant red fruit in fall. Heavy fruiting variety.

Each Per 10 Per 100  
2 to 3 feet ..... \$0.50 \$4.00 \$35.00

## CLEMATIS

A beautiful class of hardy climbers, excellent for pillars or trellises. They delight in a rich soil and sunny situations and are perfectly hardy.

**C. henryii.** A magnificent, large white flower, a free grower and bloomer.

Each Per 10 Per 100  
2-year-old-plants ..... \$0.85 \$7.50 \$70.00  
2-year-old-plants, potted ..... 1.00 .....

**C. jackmannii.** Deep violet purple, with a rich, velvety appearance. One of the best.

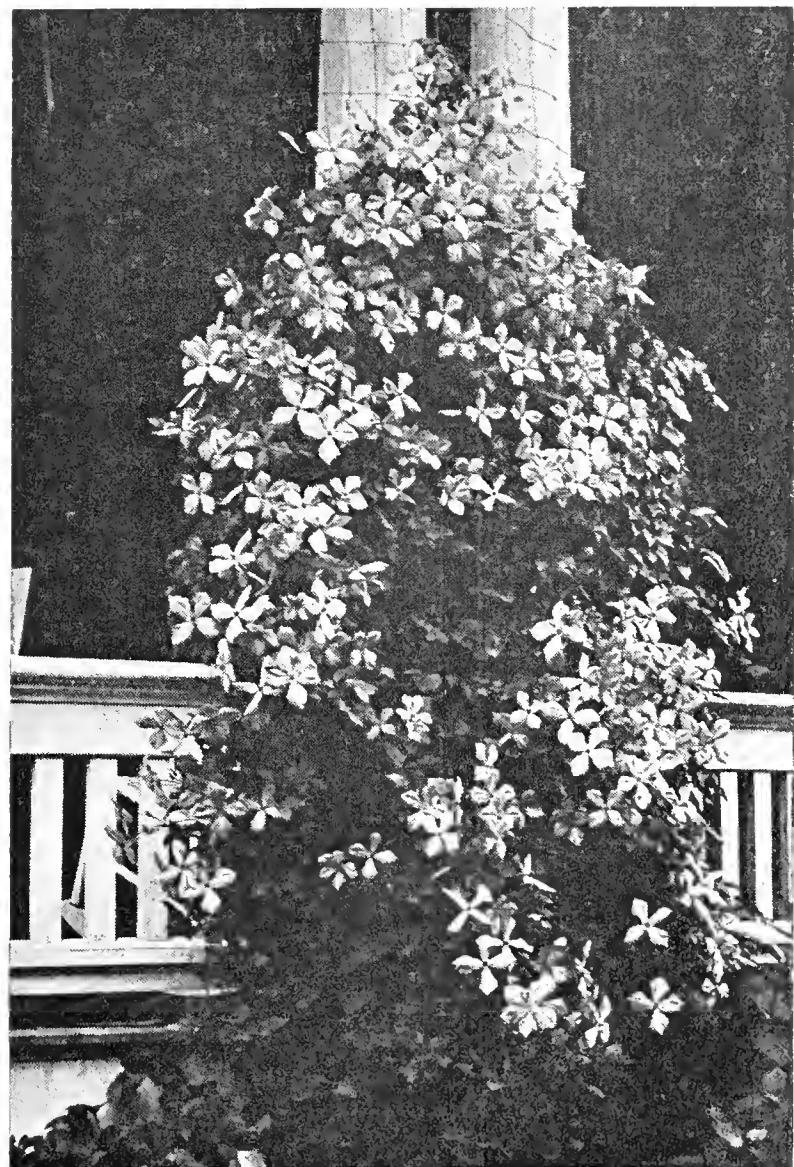
Each Per 10 Per 100  
2-year-old-plants ..... \$0.85 \$7.50 \$70.00  
2-year-old-plants, potted ..... 1.00 .....

**C. paniculata.** A vine of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets, and of a most delicious and penetrating fragrance.

Each Per 10 Per 100  
2-year-old plants ..... \$0.40 \$3.00 \$25.00  
Potted plants, 2-year-old ..... .60 5.00 .....

**C. ramona.** Deep sky-blue.

Each Per 10 Per 100  
2-year-old plants ..... \$0.85 \$7.50 \$70.00  
Potted plants, 2-year-old ..... 1.00 .....



Clematis



Honeysuckle

### DOLICHOS JAPONICA—Kudzu Vine

See Pueraria Thunbergiana.

### EUONYMUS

**E. radicans** (Winter Creeper). An evergreen vine, with dark green foliage; will cling to walls like ivy.

Each Per 10 Per 100

15 to 18 inches, 2-years ..... \$0.55 \$4.50 \$40.00

**E. radicans variegata**. An evergreen vine with variegated foliage that clings to walls like ivy.

Each Per 10 Per 100

4-inch pot plants, strong ..... \$0.55 \$4.50 \$40.00

**E. radicans vegeta** (Big-Leaved Winter Creeper). A strong growing variety with larger leaves than the type, and producing bright orange-red berries which remain on the plant the greater part of the winter. As an evergreen, absolutely hardy wall cover, this plant is unequalled.

Each Per 10 Per 100

15 to 18 inches, 2 years ..... \$0.55 \$4.50 \$40.00

### HEDERA—Ivy

The Ivies are evergreens and frequently suffer from exposure to the bright sunlight in winter. For this reason the north side of a wall or building is a better situation than the south.

**H. canariensis** (Irish Ivy). A well known sort, for covering graves, also for clinging to brick walls.

Each Per 10

3-inch pots, strong plants, 2 canes ..... \$0.50 \$4.00

**H. haagenbacki**. Very decorative vine for indoors, on account of the variegated foliage. Improvement on the Hedera Helix

Each Per 10

3-inch pots ..... \$0.50 \$4.00

4-inch pots ..... .65 5.50

**H. helix** (English Ivy). A familiar evergreen vine, dark green leaves, favors shady location. Suitable to cover buildings, rocks, graves, and places where grass will not grow.

Each Per 10 Per 100

3-inch pots, strong plants ..... \$0.40 \$3.00 \$25.00

4-inch pots, extra plants ..... .55 4.50 40.00

### LONICERA—Honeysuckle

**L. japonica aurea reticulata**. A variety with beautifully variegated foliage; leaves netted and veined with clear yellow; flowers yellow and fragrant.

Each Per 10 Per 100

2-year, strong plants ..... \$0.50 \$4.00 \$35.00

**L. japonica halleana** (Hall's Honeysuckle). Color white, changing to yellow, very fragrant, blooms from June to November.

Each Per 10 Per 100

2-year, strong plants ..... \$0.40 \$3.00 \$25.00

**L. sempervirens** (Scarlet Trumpet). A strong, rapid climber; blooms very freely the entire season; bright red, trumpet-shaped flowers.

Each Per 10 Per 100

2-year, strong plants ..... \$0.50 \$4.00 \$35.00

**L. periclymenum belgica** (Monthly, Fragrant). A fine, rapid growing variety; flowers large and very fragrant; color red and yellow; a constant bloomer.

Each Per 10 Per 100

2-year, strong plants ..... \$0.55 \$4.50 \$40.00

### LYCIUM—Matrimony Vine

**L. chinensis**. Very hardy, grows anywhere, slender, drooping branches. Flowers small, pink and purple, from June to September, and are then succeeded by a profusion of bright scarlet and orange fruits through late fall and winter.

Each Per 10 Per 100  
2 to 3 feet ..... \$0.45 \$3.50 \$30.00

### PASSIFLORA—Passion Flower

**P. pfodi**. The best variety for outdoors in summer; flowers light blue, suffused with rose and borne quite freely even on small plants.

Each Per Doz.  
Strong plants ..... \$0.25 \$2.50

### POLYGONUM—Silver Lace Vine

**P. auberti**. One of the most desirable flowering climbers. The plant is of strong, vigorous growth, attaining a height of 25 feet or more, producing through the summer and fall great foamy sprays of white flowers.

Each Per 10 Per 100  
Strong plants ..... \$0.70 \$6.00 \$55.00

### PUERARIA THUNBERGIANA—Kudzu Vine (Dolichos)

**P. thunbergiana**. This is without a doubt the fastest-growing vine we know of for covering arbors and trellises, also for covering rocky slopes.

Each Per 10 Per 100  
2-year-old plants ..... \$0.30 \$2.00 \$18.00

### WISTARIA

The Wistaria is an old decorative vine. The long, twining branches bear great sprays of foliage, as well as a profuse bloomer.

**W. sinensis** (Chinese). Flowers in clusters pale blue, sometimes gives a second crop of flowers in the fall.

Each Per 10 Per 100

2-year-old plants (Grafts) ..... \$0.75 \$6.50 \$60.00

**W. sinensis alba**. Of similar habit to Chinensis, with pure white flowers.

Each Per 10 Per 100

2-year-old plants (Grafts) ..... \$0.80 \$7.00 \$65.00

Our Wistaria are grown from layers or grafts from blooming plants, hence are guaranteed to bloom.



Wistaria

# EVERGREENS

*create an air of distinction  
and charm for any home*

THE swing to Evergreens during the past few years has been nothing short of phenomenal, and for this reason there is much shabby stock on the market. We have no desire to discredit any reputable grower, but we do urge anyone contemplating the purchase of Evergreens to buy them from some concern that can provide true to name varieties that will mature as you expect.

Evergreens have no equal for producing a formal effect and since they are green all winter long they add much to the beauty of any home.

Evergreens are not all alike. Do not confuse the plants listed here with seedling stock offered by some nurseries. To develop a specimen tree 5 to 8 years are required. You will, therefore, find our prices right.



Black Hills Spruce

*B. orientalis* (Common Chinese Arborvitae). A tall fast-growing tree but not so compact.

Each Per 10

18 to 24 in.	B. & B.	\$1.00	\$ 9.50
2 to 3 ft.	B. & B.	1.50	12.50
3 to 4 feet	B. & B.	3.00	27.50
4 to 5 ft.	B. & B.	4.50	42.50
5 to 6 ft.	B. & B.	6.00	59.50
6 to 7 ft.	B. & B.	8.00	75.00

*B. orientalis aurea nana* (Berkman's Golden Arborvitae). This conifer is of dwarf, compact and symmetrical habit. A perfect gem for small gardens, cemetery lots or formal planting.

Each Per 10

12 in., B. & B.	\$1.65	\$14.00
15 in., B. & B.	2.00	17.50
18 in., B. & B.	3.50	32.50
24 in., B. & B.	4.50	42.50
30 in., B. & B.	6.00	57.50
36 in., B. & B.	7.50	72.50

Colorado Blue Spruce

## Evergreens—Coniferae

### ABIES—Fir

*A. canadensis* (Hemlock). See *Tsuga*.

*A. concolor*. The best strain of this hardy Western tree. Grows rapidly and forms magnificent specimens. Pale glaucous blue needles

Each Per 10

3 to 4 feet, B. & B.	\$ 8.50	\$82.50
4 to 5 feet, B. & B.	10.00	97.50

*A. douglasii*. See "Pseudotsuga."

### BIOTA—Oriental Arborvitae

*B. aurea conspicua*. (Gold spire). A fine pyramid, bright golden form. Popular because of its grace. Each Per 10

24 to 30 inches, B. & B.	\$ 3.75	\$35.00
30 to 36 inches, B. & B.	5.00	47.50
36 to 42 inches, B. & B.	6.50	62.50
4 to 5 feet, B. & B.	10.00	97.50

## Foundation Evergreen Collections

Here are five of the most beautiful evergreens, especially desirable for foundation plantings—1 *Biota Aurea Conspicua*, 36 to 42 inches high, 2 *Juniper Pfitzeriana*, 18 to 24 inches high; 1 *Siberian Arborvitae*, 24 inches high, and 1 *Globe Arborvitae*, 18 to 24 inches high—a collection that would cost \$19.00 if bought individually—but priced especially in this collection at.....

**\$15.00**



Bonita—One of the Best Ball Effects

**B. orientalis bonita.** Very dwarf, round, compact, fine foliage.

Each Per 10

18 to 24 inches, B. & B. \$2.25 \$20.00  
24 to 30 inches, B. & B. 3.00 27.50

**B. orientalis compacta** (Green). A compact form of Chinese Arborvitae. Foliage very dark green. Fine where low-growing, compact tree is desired.

Each Per 10

18 to 24 inches, B. & B. \$2.00 \$17.50  
24 to 30 inches, B. & B. 2.75 25.00  
30 to 36 inches, B. & B. 3.75 35.00  
36 to 42 inches, B. & B. 5.50 50.00

**B. orientalis elegantissima** (Yellow Column Arborvitae). A splendid golden upright form that turns a beautiful bronze in the winter. Especially useful for color contrasts.

Each Per 10

24 to 30 inches, B. & B. \$3.25 \$30.00  
30 to 36 inches, B. & B. 4.25 40.00  
36 to 42 inches, B. & B. 5.50 52.50  
4 to 5 feet, B. & B. 7.50 72.50

**B. o. excelsa.** Valuable for its compact form, as well as being hardier than the other Biotas. Color dark green.

Each Per 10

30 to 36 inches, B. & B. \$4.25 \$40.00  
3 to 4 ft., B. & B. 5.25 50.00  
4 to 5 ft., B. & B. 6.75 65.00  
5 to 6 ft., heavy, B. & B. 8.50 82.50

**B. orientalis pyramidalis** (Baker's Strain). Pyramidal growth, densely clothed with fresh, lively green foliage; very hardy; one of the best.

Each Per 10

30 to 36 inches, B. & B. \$3.25 \$30.00  
36 to 42 inches, B. & B. 3.75 35.00  
42 to 48 inches, B. & B. 4.75 45.00  
48 to 54 inches, B. & B. 6.00 57.50  
54 to 60 inches, B. & B. 7.00 67.50  
5 to 6 feet, B. & B. 8.50 82.50

## JUNIPERUS—Juniper or Cedar

**J. chinensis** (Chinese Juniper). Similar in habit to common red cedar, but has a more pyramidal effect and retains a brighter green color.

Each Per 10

4 to 5 feet, B. & B. \$6.00 \$57.50

**J. chinensis pfitzeriana** (Pfitzer's Juniper). Very distinct, being of a striking, graceful habit; the color of foliage a bright, silvery green; perfectly hardy.

Each Per 10

18 to 24 inches, B. & B. \$3.00 \$27.50  
24 to 30 inches, B. & B. 4.50 42.50  
30 to 36 inches, B. & B. 6.00 57.50  
36 to 42 inches, B. & B. 7.50 72.50  
42 to 48 inches, B. & B. 8.75 85.00

**J. communis columnaris** (Columnar English Juniper). A fine and distinct type of English Juniper, growing in dense column without shearing.

Each Per 10  
2 to 3 feet, B. & B. .... \$3.75 \$35.00  
3 to 4 feet, B. & B. .... 5.00 47.50  
**J. excelsa stricta** (Greek Juniper). A very compact little evergreen of pyramidal habit. Foliage dark green.

Each Per 10

15 to 18 inches, B. & B. .... \$2.75 \$25.00  
18 to 24 inches, B. & B. .... 3.50 32.50  
24 to 30 inches, B. & B. .... 4.75 45.00  
30 to 36 inches, B. & B. .... 8.00 75.00

**J. horizontalis glauca** (Creeping Juniper). Low-growing tree of spreading habit. Used in rockeries, or on terrace where a low tree is desired. Color is of a bluish cast.

Each Per 10

18 to 24 inches, B. & B. .... \$4.75 \$45.00  
24 to 30 inches, B. & B. .... 5.75 55.00  
30 to 36 inches, B. & B. .... 7.50 72.50

**J. sabina** (Savin Juniper). A spreading form, with deep, dark, green foliage. Very valuable for rockeries, grouping and border planting.

Each Per 10

15 to 18 inches, B. & B. .... \$3.00 \$27.50  
18 to 24 inches, B. & B. .... 4.00 37.50  
24 to 30 inches, B. & B. .... 4.75 45.00  
30 to 36 inches, B. & B. .... 5.75 55.00

**J. sabina tamariscifolia** (Gray Carpet Juniper). A distinct trailing variety of Sabina. Fine for edging evergreen groups.

Each Per 10

15 to 18 inches, B. & B. .... \$3.75 \$35.00  
18 to 24 inches, B. & B. .... 5.00 47.50  
24 to 30 inches, B. & B. .... 6.50 62.50

**J. scopulorum** (Silver Cedar). A very narrow, compact and symmetrical form of Juniper. Silvery blue and retains its color throughout the season.

Each Per 10

3 to 4 feet, B. & B. .... \$6.75 \$65.00  
4 to 5 feet, B. & B. .... 8.00 77.50

**J. virginiana** (Red Cedar). One of the most valuable trees for screens and windbreaks; perfectly hardy; too well known to need description. Our trees are all extra well shaped and have been several times transplanted.

Each Per 10

2 to 3 feet, B. & B. .... \$2.50 \$22.50  
3 to 4 feet, B. & B. .... 3.50 32.50  
4 to 5 feet, B. & B. .... 4.95 47.00  
5 to 6 feet, B. & B. .... 7.00 67.50  
6 to 7 feet, B. & B. .... 10.00 95.00

**J. virginiana cannarti** (Cannarti Juniper). Of pyramidal habit, branches graceful, of a pleasing dark green. A beautiful tree in every way.

Each Per 10

3 to 4 feet, B. & B. .... \$5.75 \$55.00  
4 to 5 feet, B. & B. .... 7.75 75.00  
5 to 6 feet, B. & B. .... 10.00 95.00

**J. virginiana elegantissima** Lee (Gold-tip Red Cedar)—15 feet. A broad, bushy tree, having pendulous green foliage tipped with rich, creamy gold. A rich, entrancing novelty.

Each Per 10

3 to 3 1/2 feet, B. & B. .... \$6.50 \$62.50



Plantings Like This Are Always In Good Taste

*J. virginiana glauca* (Silvery Red Cedar). Fine, vigorous grower; cone-shaped, and having a peculiar whitish color.

	Each	Per 10
2½ to 3 feet, B. & B.	\$4.50	\$42.50
3 to 4 feet, B. & B.	7.00	67.50
4 to 5 feet, B. & B.	8.00	77.50
5 to 6 feet, B. & B.	9.50	92.50
6 to 7 feet, B. & B.	15.00	140.00

*J. virginiana pyramidiformia hilli* (Hill Dundee Juniper). Bluish-gray in the spring and summer and it changes to a plum-like color in the fall and winter.

	Each	Per 10
3 to 3½ feet, B. & B.	\$6.50	\$62.50

*J. virginiana schotti* (Schotti Juniper). This variety is easily distinguished by its bright peagreen color. Its growth is very symmetrical and upright. Producing light blue and silvery colored berries in season, which are very attractive.

	Each	Per 10
30 to 36 inches, B. & B.	\$5.25	\$50.00
3 to 4 feet, B. & B.	6.25	60.00



## Care and After-Care

The common error in planting about the foundation is too close planting with the idea of immediate effect. Space wide enough to permit development.

Pruning should consist principally of the shearing or clipping of the terminal growth in the spring just when the new growth appears. This keeps your trees compact and once they get to the height you want them they can be kept this way like a hedge. Don't prune too late in the summer.

Lawn trees are better left to develop naturally. Pruning is not necessary except to shape them up.

Never top or cut an evergreen below the point where it is showing green foliage. Always leave a fringe of foliage on the tips of the branches.

The dead that comes inside the trees in the fall is natural. They shed this old growth about this time. Shearing in the summer usually causes the trees to cover this unsightliness.

## PICEA—Spruce

*P. canadensis alba* (White Spruce). Of compact, pyramidal form, and greater symmetry than that of the Norway Spruce, but possibly of less vigorous growth; elegant silvery foliage.

	Each	Per 10
30 to 36 inches, B. & B.	\$3.00	\$27.50
3 to 4 feet, B. & B.	3.75	35.00
4 to 5 feet, B. & B.	4.75	45.00

*P. canadensis Albertiana* (Black Hills Spruce). In habit of growth something like *P. Alba*, except that foliage is of a bluish-green. A very pretty, compact growing evergreen.

	Each	Per 10
12 to 15 inches, B. & B.	\$1.50	\$12.50
15 to 18 inches, B. & B.	2.00	17.50
18 to 24 inches, B. & B.	2.50	22.50
24 to 30 inches, B. & B.	3.50	32.50
30 to 36 inches, B. & B.	4.50	42.50
3 to 4 feet, B. & B.	6.25	60.00
4 to 5 feet, B. & B.	7.75	75.00

*P. excelsa* (Norway Spruce). Rapid in growth, gracefully drooping in habit, dense in structure, regular in outline and perfectly hardy.

	Each	Per 10
18 to 24 inches, B. & B.	\$1.75	\$15.00
2 to 2½ feet, B. & B.	2.25	20.00
2½ to 3 feet, B. & B.	3.00	27.50

## Creeping Juniper

Each Per 10

3 to 4 feet, B. & B.	\$4.00	\$37.50
4 to 5 feet, B. & B.	5.25	50.00
5 to 6 feet, B. & B.	7.00	67.50
6 to 7 feet, B. & B.	9.00	87.50

*P. pungens* (Green Colorado Spruce). Of pyramidal habit and compact growth; leaves bluish-green. A free grower and perfectly hardy. This is the common variety.

Each Per 10

3 to 4 feet, B. & B.	\$8.00	\$77.50
4 to 5 feet, B. & B.	10.00	97.50

*P. pungens glauca* (Colorado Blue Spruce). (True blue color). This variety is the same in habit as the green form, but the color is of a beautiful blue, which holds well all through the year. We have these in limited quantity this season and can only supply as long as stock lasts.

Each Per 10

18 inches, B. & B.	\$6.25	\$60.00
24 inches, B. & B.	8.25	80.00
30 inches, B. & B.	10.25	100.00
3 feet, B. & B.	15.00	145.00

*P. pungens Moerheimi* (Moerheim's Blue Spruce). Similar to Kosters.

Each Per 10

3 to 3½ ft.	\$30.00	\$280.00
4 to 4½ ft.	40.00	380.00
5 to 5½ ft.	60.00	550.00

## PINUS—Pine

*P. nigra austriaca* (Austrian Pine). From Central Europe. Leaves and needles stiff and dark green. Hardy everywhere and one of the most valuable conifers for windbreaks, belts, etc.

Each Per 10

2 to 3 ft., B. & B.	\$4.50	\$42.50
3 to 4 ft., B. & B.	5.75	55.00
4 to 5 ft., B. & B.	7.50	72.50

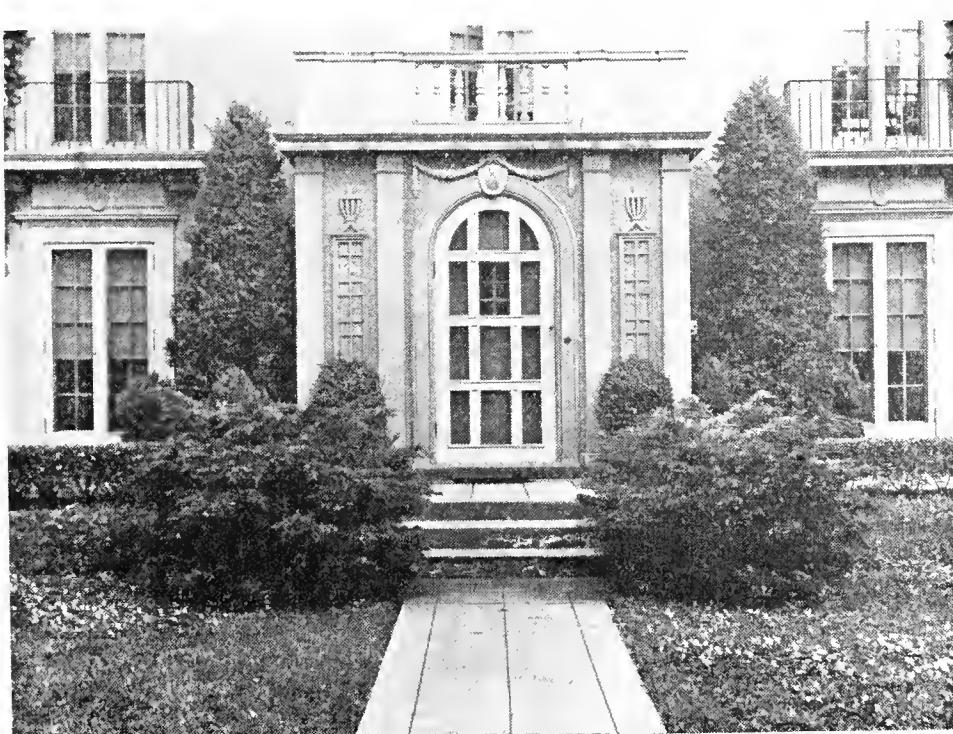
*P. montana mugus* (Dwarf Mountain Pine). Very distinct, leaves short, stiff, a little twisted and thickly distributed over the branches; does not grow tall, but spreads over the ground, generally assuming a globular form; very dense.

12 to 15 in., B. & B.	\$2.75	\$25.00
15 to 18 in., B. & B.	3.25	30.00
18 to 24 in., B. & B.	4.50	42.50
24 to 30 in., B. & B.	5.75	55.00

*P. silvestris* (Scotch Pine). A rapid grower, very hardy, from the central portion of Europe, with short, rigid, light green leaves. Very valuable for screens and for masses.

Each Per 10

2 to 3 ft., B. & B.	2.75	\$25.00
3 to 4 ft., B. & B.	4.00	37.50
4 to 5 ft., B. & B.	5.25	50.00
5 to 6 ft., B. & B.	7.50	72.50
6 to 7 ft., B. & B.	10.50	100.00



Savin Juniper in Foreground

*P. strobus* (White Pine). An old and well known native tree of rapid growth and entirely hardy.

Each Per 10

3 to 4 ft., B. & B. .... \$6.00 \$57.50  
4 to 5 ft., B. & B. .... 8.00 77.50

On account of embargo this variety cannot be shipped outside of Missouri.

### PSEUDOTSUGA—Fir

*P. douglasii* (Douglas Fir). Large, conical form; branches spreading, horizontal; leaves light green above, glaucous below. Each Per 10

2 to 3 ft., B. & B. .... \$4.50 \$42.50  
3 to 4 ft., B. & B. .... 6.00 57.50

### RETINISPORA—Cypress

*R. plumosa*. An exceedingly handsome acorn-shaped evergreen, of medium tall growth, from Japan, with feathery light green foliage. Each Per 10

24 to 30 in., B. & B. .... \$3.00 \$27.50  
3 to 4 ft., B. & B. .... 5.25 50.00  
4 to 5 ft., B. & B. .... 8.75 85.00  
5 to 6 ft., B. & B. .... 10.50 100.00

*R. plumosa aurea*. Same habit as *plumosa*; a plant of great beauty; foliage soft plume-like, of a golden yellow color; close and compact habit. Each Per 10

24 to 30 in., B. & B. .... \$3.00 \$27.50  
3 to 4 ft., B. & B. .... 5.25 50.00  
4 to 5 ft., B. & B. .... 8.75 85.00  
5 to 6 ft., B. & B. .... 10.50 100.00

### THUYA—Arborvitae

*T. occidentalis* (American Arborvitae). A well known native species of great value. It forms an upright conical tree of only medium size, and is especially valuable for screens and hedges. Each Per 10

24 to 30 in., B. & B. .... \$2.25 \$20.00  
30 to 36 in., B. & B. .... 3.00 27.50  
3 to 4 ft., B. & B. .... 4.00 37.50  
4 to 5 ft., B. & B. .... 5.25 50.00  
5 to 6 ft., B. & B. .... 8.00 77.50

*T. occidentalis globosa* (Globe Arborvitae). Same shade of green as *Pyramidalis*. Each Per 10

15 in. wide and 15 in. high, B. & B. .... \$2.00 \$17.50  
18 in. wide and 18 in. high, B. & B. .... 3.00 27.50

*T. occidentalis hoveyli* (Hovey's Arborvitae). Dense, slow growing, foliage light green. Each Per 10

24 to 30 in., B. & B. .... \$4.00 \$37.50  
30 to 36 in., B. & B. .... 5.50 52.50

*T. occidentalis pyramidalis* (Pyramidalis Arborvitae). Of upright pyramidal compact habit. Very desirable. Each Per 10

2 to 2½ ft., B. & B. .... \$3.00 \$27.50  
2½ to 3 ft., B. & B. .... 3.75 35.00  
3 to 4 ft., B. & B. .... 5.75 55.00  
4 to 5 ft., B. & B. .... 8.00 77.50

*T. occidentalis wareana* (Siberian Arborvitae). Forms a dense, broad, regular pyramid with dark green foliage. Very hardy. Each Per 10

18 to 24 in., B. & B. .... \$2.25 \$20.00  
24 to 30 in., B. & B. .... 3.50 32.50  
30 to 36 in., B. & B. .... 4.50 42.50  
36 to 42 in., B. & B. .... 6.25 60.00

### TSUGA—Hemlock

*T. canadensis*. A native species of undoubted worth and beauty. Entirely hardy, with drooping branches and dense habit.

Each Per 10

24 to 30 in., B. & B. .... \$4.25 \$40.00  
30 to 36 in., B. & B. .... 5.75 55.00  
3 to 4 ft., B. & B. .... 8.00 77.50  
4 to 5 ft., B. & B. .... 12.00 115.00

# EVERGREEN SHRUBS

Evergreen shrubs are coming into use more and more, as they are so desirable in landscape work. The foliage helps out and enlivens the bareness of deciduous trees and shrubs in winter. They are all fond of shady places and are suitable for north sides of houses, garages and north hillsides.

The soil for this class of shrubs should be carefully prepared with leaf mold, peaty soil, and should be mulched annually with well decomposed manure or partly decomposed forest leaves.

### AZALEA

*A. amoena*. A bushy, dwarf grower with small green leaves that deepen to a lustrous coppery hue in winter. In April or May the whole plant is covered with a mass of brilliant, claret-colored flowers that retain their beauty for several weeks. Very ornamental. Each Per 10  
12 to 15 in. .... \$3.00 \$27.50

*A. hinodegiri*. A bright scarlet form of the well known Azalea *Amoena*, but far surpasses it in brilliancy and general beauty; a profuse bloomer; foliage evergreen. Each Per 10  
12-in. plants, set with flower buds .... \$4.00 \$37.50

*A. yodogawa*. 3 to 4 inch. Double pinkish-lavender flowers in May. Quite hardy and of exceptional merit. Bushy habit. Each Per 10  
18 to 24 in. .... \$4.50 \$42.50

### ILEX—Holly

The Hollies are coming into demand as people get to know what splendid ornamental plants they are. The foliage is always beautiful, the flowers interesting and the fruits ornamental. A group of Hollies is always a source of pleasure.

*I. opaca* (American Holly). This is our native Holly, but is a rare plant in our American nurseries. Only a limited stock on hand.

Each Per 10  
2 to 3 ft., B. & B. .... \$6.50 \$60.00  
3 to 4 ft., B. & B. .... 9.50 90.00  
4 to 5 ft., B. & B. .... 12.00 115.00

*I. verticillata*. See Deciduous Shrubs.

### MAHONIA—Holly Grape

*Mahonia aquifolia* (Holly-Leaved Mahonia). A native species of medium size with purplish, shiny, prickly leaves, and showy, bright yellow flowers in May, succeeded by bluish berries. Its glossy foliage and neat habit render it a very popular plant for decorative purposes.

Each Per 10  
18 to 24 in., B. & B. .... \$1.85 \$16.00  
24 to 30 in., B. & B. .... 2.50 22.50  
30 to 36 in., B. & B. .... 3.50 32.50

*Mahonia Japonica* (Japanese). Leaves very broad, flowers yellow, in long spikes, succeeded by dark purple berries. A magnificent shrub.

Each Per 10  
18 to 24 in. (balled and burlapped) .... \$3.25 \$27.50



Azalea

**Be sure to read our Bargain Offers  
—they are all worth while**

You'll find the  
newest and best  
**ROSES**  
in this list

Our experience with folks who buy our Roses is that they almost invariably add a few new ones to their gardens each year. If you already have Roses you are sure to want some new ones now that you can buy them for so little—and you are sure to find several you'd like to have in your garden if you'll read the descriptions of those in our listings.

**WRITE for PAMPHLET  
that tells you HOW to  
Plant and Care for ROSES**

**HYBRID PERPETUAL  
ROSES**

**ROSA HYBRIDA CIFERA**

This class of roses is admirably suited for garden culture, for the formation of rose beds, hedges and permanent plantations, where hardy varieties of roses are desired. They are of easy culture and luxuriant in a deep, rich soil. They are benefited by mulching in the fall of the year. Plant two feet apart in beds.



American Beauty—Rich red.  
Anna de Diesbach—Shell pink.  
Baron de Bonstettin—Rich dark red.  
Capt. Hayward—Bright scarlet.  
Frau K. Druschke—One of the best Double White Roses.  
General Jacqueminot—Velvety crimson.  
George Ahrendes—Bright carmine rose.  
Hugh Dickson—Brilliant crimson, shaded scarlet.  
J. B. Clark—Intense scarlet.  
Mrs. John Laing—Bright shining pink.  
Paul Neyron—Beautiful pink.  
Ulrich Brunner—Brilliant cherry red.

**Prices, unless otherwise  
noted:**

Dormant plants, 2-yr., No. 1—	Each	Per 10	Per 100
	\$0.60	\$5.00	\$45.00

**EVERBLOOMING  
ROSES**

**Consisting of Hybrid Teas, Teas,  
Bourbon, Hybrid Polyantha and  
China or Bengal Roses**

Letters H. T. denote Hybrid Tea Roses.

Letter T. denotes Tea Roses.

All varieties marked with a \* can be furnished in pots.

This class of roses is suitable for general cultivation, as they are our very best roses, blooming continuously throughout the season. Require more care in winter protection than do the Hybrid Perpetuals in this climate and further north, but will repay the extra care in a goodly supply of fine flowers when roses of the hardy variety are scarce.

Protect for winter by hilling the soil up around crowns about 6 to 8 inches as soon as heavy freezing winter weather sets in. Cover this with well rotted manure or leaves.

Each Per 10 Per 100  
2-year, No. 1 plants (dormant).....\$0.65 \$ 5.50 \$ 50.00

All varieties grown in pots, will not be ready for delivery before May 5th to 10th, according to weather conditions.

Each Per 10 Per 100  
6-in. pots, 2-year, extra select.....\$1.50 \$..... \$.....  
6-in. pots, 2-year, No. 1 plants..... 1.25 11.00 95.00  
5-in. pots, 2-year, medium plants..... 1.00 9.00 .....

\***Betty Uprichard.** Semi-double, salmon-pink flowers stained with copper-pink on the outside.

\***Columbia** (H. T.). Peach-blown pink.

\***Dame Edith Helen.** One of the largest and most perfectly shaped pink Roses known. Blooms abundantly, with long, strong stems.

**Duchess of Wellington.** A low spreading but vigorous grower with long, saffron-yellow buds opening to very large light yellow.

\***Edel** (H. T.). Fine new white rose, of noble size, deep close-centered, with many petals; ivory at base, otherwise white.

\***Eldorado.** Large, solid, golden yellow; perfumed.

**Etoile de France** (H. T.). Clear red crimson velvet.

**General-Superior Arnold Janssen.** Tall, long-stemmed plants, with double, deep glowing pink or light red blooms.

**Gorgeous.** Coppery-pink, flushed and heavily veined with reddish-orange.

\***Gruss an Teplitz.** Fiery crimson, very hardy.

\***Jonkheer J. L. Mock** (H. T.). Clear imperial pink.

\***Kaisserin Augusta Victoria** (H. T.). Creamy white, very fine.



\*Lady Hillingdon (T.) Deep apricot-yellow.

\*Laurent Carle (H. T.) Brilliant velvety carmine.

\*Los Angeles. Pale salmon-pink, richly shaded with deep rose and gold. Fragrant.

Luxembourg. A rich yellow Tea Rose.

\*Mad. Butterfly (T.). Bright pink, apricot and gold. The buds are a rich Indian-red, yellow at base.

Mad. Caroline Testout (H. T.). Brilliant satiny-rose.

Mad. Edouard Herriot (H. T.). Coral-red shading of yellow terra cotta bronze and geranium-red, something of every color.

\*Mrs. Aaron Ward (H. T.). Indian-yellow.

\*Ophelia (H. T.). Brilliant salmon-flesh, shaded with rose on outer petals, with heart of peach pink.

Premier (H. T.). Very deep rose color, the broad roll of the outer petals creating most interesting lights and shadows.

\*Radiance (H. T.). Brilliant rosy-carmine.

\*Red Radiance (H. T.). A bright, cheerful and even shade of pure red.

\*Souv. de Claudius Pernet (H. T.). Long buds, large flower, fast color of sunflower-yellow.

\*Sunburst (H. T.). Golden-orange.

Wm. F. Dreer. A bright yellow flower of the Los Angeles type, shaded with coppery-pink.

\*Etoile de Hollande. Finest dark red Rose for general purposes. Velvet crimson.

Each Per 10  
2 years, No. 1 ..... \$0.85 \$7.50

\*Mrs. Henry Bowles. Dark lustrous pink blooms.

Each Per 10  
2 years, No. 1 ..... \$0.85 \$7.50

\*Talisman. Its brilliant orange-red buds open to a large, fragrant, high-pointed bloom of glowing golden yellow, stained with copper-red and orange-rose on the inside of the petal. It is especially good in spring and late autumn.

Each Per 10  
2 years, No. 1 ..... \$0.85 \$7.50

### Dwarf Polyantha, or Baby Rambler

Each Per 10  
6-inch pots, 2-year select ..... \$1.25 \$11.00  
5-inch pots ..... 1.00 9.00

Baby Crimson Rambler (Mme. Norbert Levasseur). Brilliant ruby-red.

### Dwarf Polyantha (Dormant Stock)

Each Per 10 Per 100  
2-year, No. 1 ..... \$0.55 \$4.50 \$40.00

Baby Tausendschoen. A dwarf everblooming form of Tausendschoen. Very pretty and prolific. Soft clear pink.

Baby Crimson Rambler (Mme. Norbert Levasseur). Brilliant ruby-red.

Cecile Brunner. Small, perfectly formed, pink and gold buds and flowers like tiny Tea Roses. Very popular and always in demand.

Clotilde Soupert. An old-time Polyantha with large, camellia-like flowers of rosy white tinted with pink in the center.

Ideal. Really the finest dark red—darker, more even color than Miss Edith Cavell. Flowers small and in gigantic clusters.

## Collection of Everbloomers

10 Everblooming or Hybrid Tea Roses, our selection, 2-year dormant plants—one of the most exceptional values we have ever offered, postage paid.

**\$5.25**

## Climbing Roses

### RAMBLERS AND TRAILING ROSES

American Pillar. Large single flowers, carmine-rose, with cream and yellow center.

Each Per 10 Per 100  
2-year, No. 1 ..... \$0.50 \$4.00 \$35.00

Climbing American Beauty. Large red flowers, strong growers, often blooms during the summer.

Each Per 10 Per 100  
2-year, No. 1 ..... \$0.55 \$4.50 \$40.00

Dorothy Perkins. Beautiful shell-pink. Each Per 10 Per 100  
2-year, No. 1 ..... \$0.50 \$4.00 \$35.00

Dorothy Perkins (White). A pure white sport from Dorothy Perkins.

Each Per 10 Per 100  
2-year, No. 1 ..... \$0.50 \$4.00 \$35.00

Dr. Van Fleet. Rich, flesh-pink. Each Per 10 Per 100  
2-year, No. 1 ..... \$0.55 \$4.50 \$40.00

Excelsa (Red Dorothy Perkins). Clear scarlet; similar to Dorothy Perkins.

Each Per 10 Per 100  
2-year, No. 1 ..... \$0.50 \$4.00 \$35.00

Flower of Fairfield. Color to deep crimson, in large clusters. Sometimes called the everblooming Crimson Rambler.

Each Per 10 Per 100  
2-year, No. 1 ..... \$0.55 \$4.50 \$40.00

Gardenia. Bright yellow, opening cream; early flowering, fragrant and free.

Each Per 10 Per 100  
2-year, No. 1 ..... \$0.55 \$4.50 \$40.00

## Special COLLECTION of 5 Selected Roses

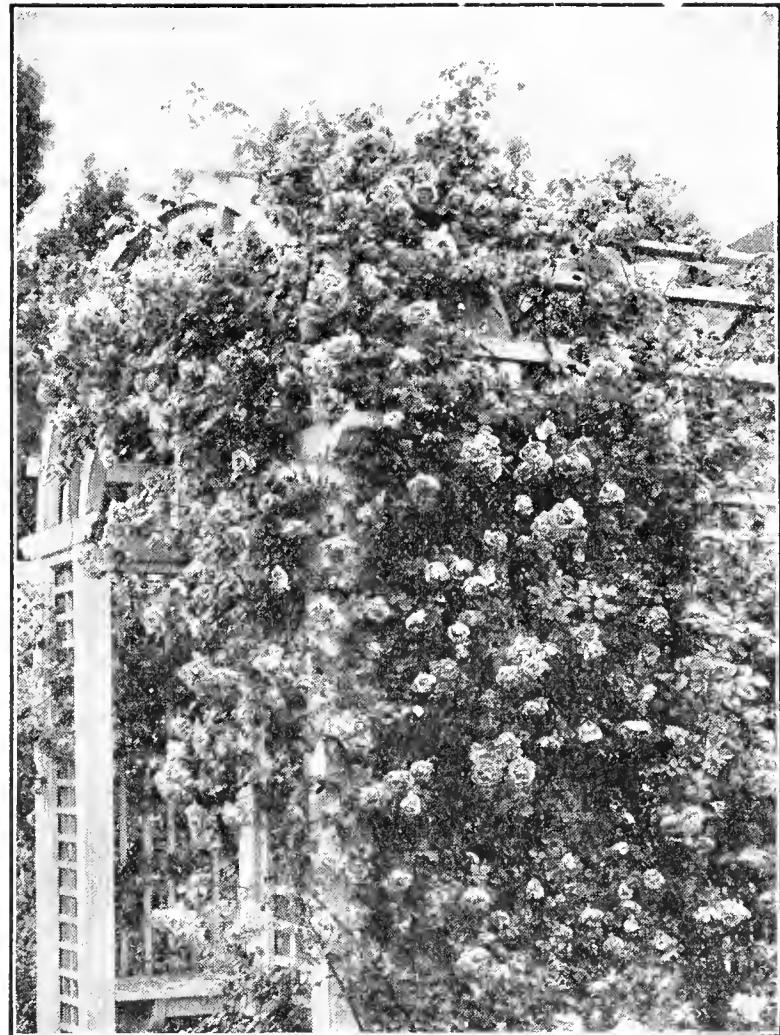
Contains 5 everblooming hybrid tea roses, each a different variety, our selection, 1 Climbing Dr. Van Fleet, and 1 Paul's Scarlet Climber—every one a rose you'll enjoy.

2-year No. 1 dormant  
plants, postage paid.

\$375

## Hardy Climbing Rose Collection

3 of the most desirable hardy Climbers,  
2-year-old plants: 1 Paul's Scarlet, 1  
Mary Wallace, pink, and 1 bright red  
American Beauty,  
postage paid..... \$1.20



Climbing American Beauty

<b>Hiawatha.</b> Glowing ruby-crimson, with a clear white eye: single flowers in clusters.	Each Per 10 Per 100
2-year, No. 1 .....	\$0.50 \$4.00 \$35.00
<b>Mary Wallace</b> (New). The flowers are semi-double, bright clear rose-pink with salmon base.	Each Per 10 Per 100
2-year, No. 1 .....	\$0.55 \$4.50 \$40.00
<b>Paul's Scarlet Climber.</b> Brilliant vivid scarlet; color maintained without burning or bleaching until the petals fall. Flowers medium, semi-double, produced in clusters, and covers bush from top to bottom.	Each Per 10 Per 100
2-year, No. 1 .....	\$0.55 \$4.50 \$40.00
<b>Seven Sisters.</b> Flowers in large clusters varying from rosy-red to bluish-white, several shades being found in the same cluster.	Each Per 10 Per 100
2-year, No. 1 .....	\$0.50 \$4.00 \$35.00
<b>Silver Moon.</b> Silvery white, with yellow stamens.	Each Per 10 Per 100
2-year, No. 1 .....	\$0.55 \$4.50 \$40.00
<b>Tausendschoen</b> (Thousand Beauties). Varies from pure white to deep pink.	Each Per 10 Per 100
2-year, No. 1 .....	\$0.50 \$4.00 \$35.00
<b>Wichuriana.</b> Single white, trailing habit. Fine for ground covering.	Each Per 10 Per 100
2-year, No. 1 .....	\$0.50 \$4.00 \$35.00

## MOSS ROSES

Each Per 10 Per 100

2-year, No. 1 .....

..... \$0.60 \$5.00 \$45.00

**Blanche Moreau.** White

**Henri Martin.** Large deep red flowers.

**Crested Moss.** Rose color, beautifully crested.

**Salet.** Rose-pink, well mossed.

## MISCELLANEOUS ROSES

**Harrison's Yellow.** Deep yellow, hardy.

Each Per 10 Per 100

2-year .....

..... \$0.60 \$5.00 \$45.00

**Rosa Multiflora.** Strong growing, long arching canes, covered with white clusters in June.

Each Per 10 Per 100

2-year .....

..... \$0.50 \$4.00 \$36.00

**Rosa Palustris** (Carolina Rose) (Swamp Rose). Flowers pink. Numerous. June to September. Leaves five to nine lobed. Grows four to seven feet high.

Each Per 10 Per 100

2-year .....

..... \$0.75 \$6.50 \$60.00

**Rosa Rubifolia.** Fine among shrubbery groups for color effect.

Each Per 10 Per 100

2-year plant, No. 1.....

..... \$0.60 \$5.00 \$45.00

**Rosa Rubiginosa** (Common Sweet Briar). The well known old variety, famous for the fragrance of its foliage.

Each Per 10 Per 100

2-year .....

..... \$0.60 \$5.00 \$45.00

**Rosa Setigera.** Single deep rose-colored flower.

Each Per 10 Per 100

2-year .....

..... \$0.50 \$4.00 \$35.00

**Sweet Briar.** See Rosa Rubiginosa.

## Rugosa and Hybrid Rugosa

**C. F. Meyer.** Fragrant, silvery-pink flowers of large size. It blooms in June and occasionally thereafter. The bush is extremely vigorous, attaining a height of from 6 to 10 feet and is perfectly hardy.

Each Per 10 Per 100

2-year, No. 1.....

..... \$0.60 \$5.00 \$45.00

**F. J. Grootendorst.** A cross of the red Rugosa Rubra by the Crimson Baby Rambler, with Rugosa growth and foliage and small, bright crimson flowers of the Baby Rambler type, produced in clusters throughout the season. Particularly suitable for hedges and massed planting.

Each Per 10 Per 100

2-year, No. 1..... \$0.60 \$5.00 \$45.00

**Pink Grootendorst.** Very charming pink variety of the popular F. J. Grootendorst. New.

Each Per 10 Per 100

2-year, No. 1..... \$0.75 \$6.50 \$55.00

**Rosa Rugosa Rubra.** Single red. Popular as a hedge rose.

Each Per 10 Per 100

2-year, No. 1..... \$0.45 \$3.50 \$30.00

**Rosa Rugosa Alba.** Single white.

Each Per 10 Per 100

2-year, No. 1..... \$0.60 \$5.00 \$45.00

**Hugonis** (Golden Rose of China). This is a valuable addition to our list of Roses. Every branch of the previous year's growth is, in late April and early May, closely set on both sides to the very tips with exquisitely beautiful, single clear yellow flowers, almost concealing the foliage.

Each Per 10 Per 100

2-year, No. 1..... \$0.55 \$4.50 \$40.00

## Control Black Spot, Mildew and Chewing Insects BY USING POMO GREEN

Black spot is readily recognized by the leaves turning yellow and quickly dropping off.

Mildew is a fungous disease that grows on the surface of the leaves, shoots and buds, giving them a whitish appearance, spreads very rapidly.

The control of fungous diseases is largely a matter of prevention. Keep plants covered with Pomo Green.

1-lb. cans..... \$0.50  
5-lb. cans..... 2.00  
25-lb. cases..... 8.00

# HARDY PERENNIALS

Our Perennials are mostly all potted in the fall and carried over winter in cold frames. This gives them an excellent root system and they start off in the spring the same as though they had been planted in the fall. We advise planting during the month of April. But many varieties can be planted all through the month of May.

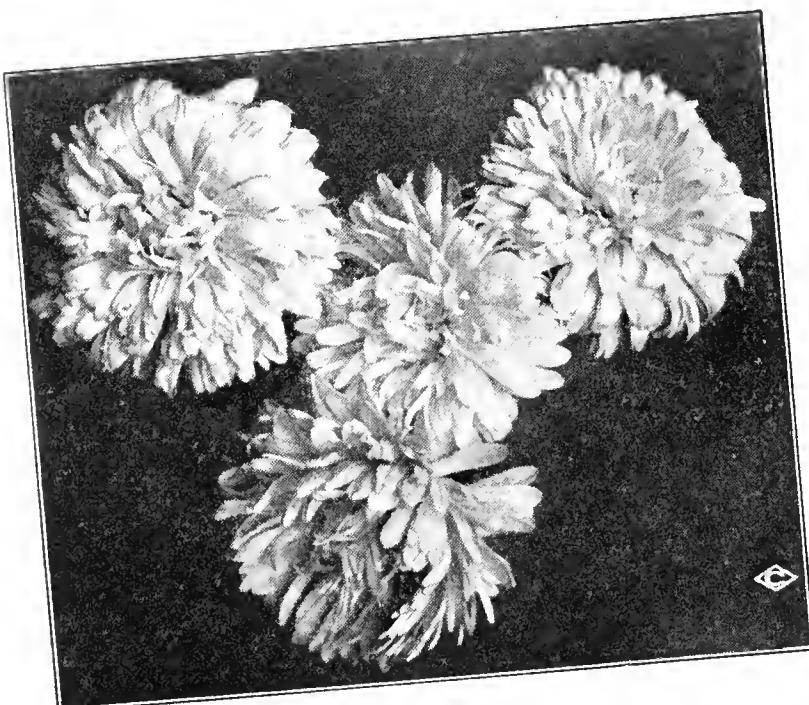
*There is a strong swing among flower lovers back to the Perennial Garden the past year or two. If you will read descriptions carefully you will discover many unusual blossoms as well as colors that will provide new interest for your "out-door living room."*

## ACHILLEA—Milfoil or Yarrow

- A. *millifolium roseum* (Rose-flowered Yarrow). Rosy-lilac, from June to August. Each, 20c; per doz., \$2.00.
- A. *ptarmica* "Boule de Neige" (Ball of Snow). Pure white, double flowers. Each, 20c; per doz., \$2.00.
- A. *ptarmica* fl. pl. (The Pearl). Pure white flowers all summer long. Each, 20c; per doz., \$2.00.

## AEGOPODIUM—Bishop's Weed

*Podagraria variegata.* A rapid-growing plant, with neat, green and yellow variegated foliage, thriving in any soil; makes a fine border for a bed of shrubs or for covering waste ground. 1 foot. Each, 20c; per doz., \$2.00.



Asters

## AGROSTEMMA—Rose Campion

A. *coronaria* (Mullein Pink). Bright, rose-crimson. Each, 20c; per doz., \$2.00.

## AJUGA—Bugleweed

A. *reptans rubra*. Grows three to four inches high, with deep, purplish blue flowers in May and June. A suitable plant for rockery and for carpeting the ground particularly in shady places. Each, 20c; per doz., \$2.00; per 100, \$14.00.

## ALYSSUM—Madwort

- A. *rostratum*. Prostrate almost shrubby variety, hoary grey all over. Flowers pale yellow. May to July. Each, 20c; per doz., \$2.00.
- A. *saxatile compactum* (Basket of Gold). Showy, bright yellow flowers; excellent for rock work. Each, 20c; per doz., \$2.00.

## ANEMONE—Windflower

- A. *alba*. Purest single white, with yellow center. 2 to 3 feet.
- A. *Alice*. Large flowers of rose-pink, lilac center; excellent new variety. The best and strongest grower of all pink sorts.
- A. *hupehensis*. This is a sturdy, dwarf pink Anemone, growing 1½ to 2 feet high, and resembling the Japanese Anemone in many respects, is not so tall and is much more richly colored. Fine for rock garden use; blooms in early August and continues until frost. Will succeed in half shady places.
- A. *Queen Charlotte*. Abundant semi-double flowers, broad and perfectly formed; "La France" pink. 2 to 3 feet.
- A. *rubra*. Beautiful rosy red; stamens bright yellow.
- A. *whirlwind*. Excellent double white flowers. 2 to 3 feet. Each, 25c; per doz., \$2.50; per 100, \$18.00.

## ANCHUSA—Sea Bugloss

A. *italica*. "Dropmore variety." Rich gentian blue. Each, 20c per doz., \$2.00.

## ANTHEMIS—Marguerite

A. *Kelwayi*. Daisy-like golden yellow blossoms all summer. Nice for cutting. Each, 20c; per doz., \$2.00.

## AQUILEGIA—Columbine

- A. *California hybrids*. Exquisite flowers, yellow and orange shades.
- A. *canadensis*. Scarlet and yellow native species, one of the brightest.
- A. *chrysanthia* (Golden Spurred). Golden yellow.
- A. *coerulea*. Bright blue and white flowers, long spurred.
- A. *hybrids* (Long Spurred). Large flowers with long spurs in blue, white, yellow, orange, scarlet and bright rose.
- A. *nivea grandiflora*. Beautiful, large, pure white. Each, 25c; per doz., \$2.50.

## ARABIS (Rock Cress)

A. *alpina*. Grows about a foot high, having dark, blue flowers. Each, 25c; per doz., \$2.50.

## ARMERIA (Sea Pink or Thrift)

A. *formosa*. Light pink, 12 inches. Each, 25c; per doz., \$2.50.

## ARTEMESIA

- A. *abrotanum*. Dark green, finely cut foliage, with pleasant odor.
- A. *stelleriana* (Old Woman). Deeply cut silvery foliage. Good for carpet bedding.
- A. *lactiflora* (Hawthorn scented). Elegantly cut, dark green foliage and terminated by panicles of Hawthorn-scented, creamy white Spirea-like light and graceful flowers. Each, 20c; per doz., \$2.00.

## ASCELIPIAS—Butterfly Weed

**A. tuberosa.** Very showy brilliant orange-colored flowers in July and September. Each, 30c; per doz., \$3.00.

## ASTERS—Michaelmas Daisies

**A. amethystinus.** Amethyst blue, 3 ft. **A. feltham blue.** Pretty shade of aniline blue, 2½ feet. **A. laevis.** Light heliotrope, 4 feet. **A. novae angliae.** Bright violet purple, 4 feet. **A. rosea supurbum.** Rosy-red, 2½ ft. **A. tartaricus.** Bluish violet, late, 6 ft. **A. white queen.** Fine white, 4 feet. Each, 20c; per doz., \$2.00. **A. eyri.** Rosy lilac. Each, 25c; per doz., \$2.50.

## BAPTISIA—False Indigo

**B. australis.** Dark blue, pea-shaped flowers in June, suitable for hardy border or wild garden, attractive foliage, 2 to 3 feet. Each, 20c; per doz., \$2.00.



Coreopsis

## BELLIS—Double English Daisy

**B. perennis.** Colors white and pink mixed. Each, 20c; per doz., \$2.00.

## WINTER PROTECTION

Everything listed in this section is "hardy," but in varying degrees. For instance, Tritomas, Poppies and Shastas really need some protection. A light covering of coarse straw, manure or leaves (not over 2 or 3 inches deep) will give comfort to all kinds, and insure safety for the weak. After removing all stems and dead foliage, during the last days of November, or before severely cold weather sets in, apply this dressing, remembering to remove it gradually next spring, as soon as frost begins to leave the ground.

## BOCCONIA—Plume Poppy

**B. cordata.** A noble plant, beautiful in foliage and with creamy white flowers during July and August. Each, 20c; per doz., \$2.00.

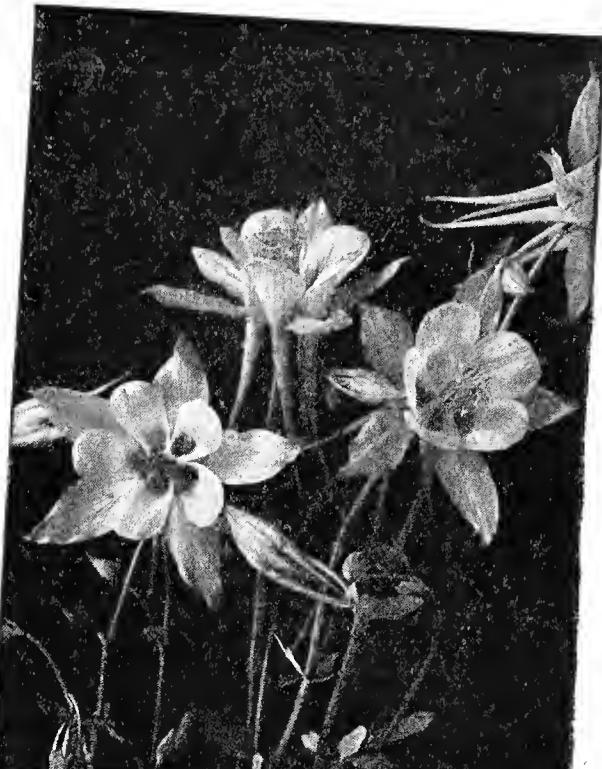
## BOLTONIA—False Chamomile

Native hardy plant with single aster-like flowers. Blooms during the summer and autumn months.

**B. asteroides.** White. **B. latisquama.** Lavender. Each, 20c; per doz., \$2.00.

## CALLIRHOE (Poppy Mallow)

**C. involucrata.** Trailing plant with finely divided foliage and large saucer-shaped flowers of bright rosy crimson, with white center. Summer and fall. Each, 25c; per doz., \$2.50.



Columbine

## CAMPANULA—Bell Flower

**C. medium** (Canterbury Bells) Plants grown from the very best strain of seeds. Blue, rose, and white.

**C. calycanthema blue** (Cup and Saucer Canterbury Bells). A very fine clear shade of blue and flowers nice for cut flowers.

**C. calycanthema white.** Similar to the blue variety, only flowers are white.

**C. pyramidalis** (Chimney Bell Flower). An attractive plant for herbaceous borders, forming a perfect pyramid, crowned with large, silver-blue flowers. Each, 20c; per doz., \$2.00.

## CARNATION—Hardy

A border plant for the hardy garden.

**Grenadine.** Pink.

**Grenadine.** Red.

**Grenadine.** White. Each, 20c; per doz., \$2.00.

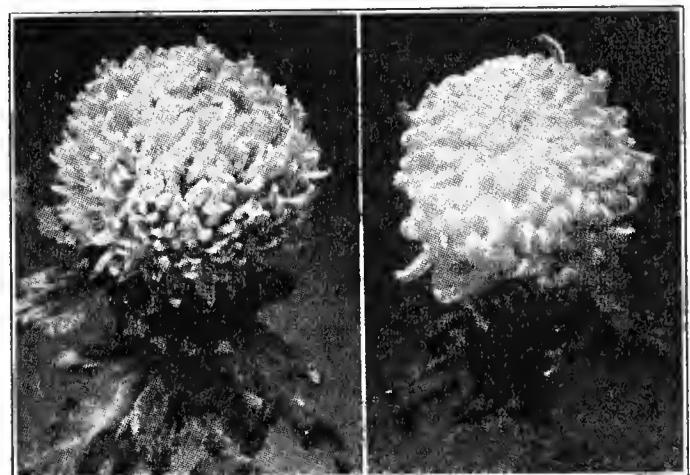
## CARYOPTERIS—Blue Spirea

See Shrubs.

## CENTAUREA (Hardheads or Knapweed)

**C. dealbata.** Large and striking rose-pink flowers. June-July.

**C. macrocephala.** Large, thistle-like, golden-yellow flowers; useful for cutting and showy in borders. July and August. Each, 20c; per doz., \$2.00.



Chrysanthemum

## CERASTIUM TOMENTOSUM—(Snow in Summer)

A desirable low-growing plant with silvery foliage and white flowers in June, suitable for rockery, or for carpeting.

Each, 25c; per doz., \$2.50; per 100, \$18.00.

## CHELONE—(Shell Flower or Turtle Head)

**C. lyoni.** Heads of showy purplish-red flowers. 18 to 24-inch. Summer and fall. Each, 20c; per doz., \$2.00; per 100, \$14.00.

## CHERIANTHUS—(Siberian Wall Flower)

**C. allioni.** A beautiful rock plant. Dazzling fiery orange flowers on stems about a foot high. Best used as a biennial as it frequently blooms itself to death. Each, 25c; per doz., \$2.50.

## CHRYSANTHEMUM—Shasta Daisy

**C. elder daisy.** Early, an improved strain for Decoration day flowers. May and June, 2 feet.

**C. hybridum** (Alaska). Blooms all summer. Height, 12 to 15 inches. Color white. A great improvement over Shasta Daisy, being much larger, 4½ to 5 inches in diameter. Very free bloomer and much hardier than its parent. Each, 20c; per doz., \$2.00; per 100, \$14.00.



Shasta Daisy

### CHRYSANTHEMUM—Hardy

This class of perennials are the glory of the Autumn garden. They are the one remaining cheerful note after devastating frosts have destroyed all other flowers. Excellent for cutting.

For winter protection, do not cover with heavy mulch of manure, but rather use some light covering of straw or leaves.

#### Large Flowering Hardy Varieties

- C. **Adrionda.** Early golden-bronze. True pompon type.
- C. **Angelo.** A lovely free flowering very early pink variety; flowers good.
- C. **Capt. Cook.** Clear dark rose with brownish center. Tall grower. Late.
- C. **Carrie.** Clear yellow. Heavy bloomer. Medium growth. Early.
- C. **Champaign.** Bright ruby-red, wonderful color. Good.
- C. **Comoleta.** Tall-growing, late-flowering. Double yellow with reddish orange shadings.
- C. **Field of Snow.** Pure white with yellow center.
- C. **Firebird.** A beautiful bright red variety, fine for color effects; one we recommend to you for your garden.
- C. **Golden Crest.** Beautiful golden flowers, medium grower.
- C. **Golden Sun.** Medium grower; beautiful loose golden yellow flowers.
- C. **Idolph.** Free-flowering light rose-pink, very double with yellow center. 18-24 inches.
- C. **Japanese Yellow.** A beautiful yellow variety.
- C. **L'Argentuillais.** Well shaped scarlet bronze flowers tipped with gold are produced in great quantities; medium height.
- C. **Lucifer.** Late flowering hardy variety; tall grower; ox-blood red flowers.
- C. **Marie Antoinette.** A late sure blooming sort, free-flowering, fine deep pink.
- C. **Mrs. Calvin Coolidge.** Brilliant crimson variety; a late blooming variety.
- C. **Mrs. H. Harrison.** Medium height, double pink flowers with white centers.
- C. **Murillo.** Good shade of pink, rather early, hardy, medium height.
- C. **Oconto.** The largest white variety; flowers often 4 to 5 inches across on good strong stems.

- C. **Snowclad.** Pure white. One of the best.
- C. **Victoria.** Pure white pompon.
- C. **White Doty.** Late flowering, tall and upright; very stiff stem. A splendid pure white pompon.
- C. **Yellow Normandie.** Bright golden yellow. Early.

### BUTTON SHAPED POMPON

**Ball of Snow.** 1½ feet. Makes a round, symmetrical plant, dwarf and compact with pure white blooms. Mid-season. Pompon.

**Little Barbee.** Bright red; small button Pompon.

**Rose Trevenna.** 1½ feet. Deep rose. Late. Pompon. Each, 20c; per doz., \$2.00; per 100, \$14.00.

### CONVALLARIA—Lily of the Valley

The popular little spring flower, for shady places. Large clumps.

Each, 35c; per doz., \$3.00. Dutch pips, per 25, \$1.25; per 100, \$3.50.

### COREOPSIS—Tickseed

**C. lanceolata grandiflora.** The most popular summer cut flower, golden yellow. Should be in every garden. Each, 20c; per doz., \$1.50; per 100, \$10.00.

### DELPHINIUM—Larkspur

- D. **belladonna.** Free bloomer, June to frost. Flowers turquoise blue. A fine summer cut-flower-plant.
- D. **bellamsum.** The dark blue form of the popular light blue Belladonna with which it is identical in habit of growth, freedom of bloom, but with intensely rich, deep blue flowers.

**D. gold medal hybrids.** A fine strain of mixed hybrids from England. Very fine. Each, 25c; per doz., \$2.50; per 100, \$18.00.

**Blackmore, Langdon Strain.** Very large flowers and long spikes. Special English introduction. Very fine. Each, 35c; per doz., \$3.60.

### DIANTHUS BARBATUS—Sweet William

- D. **Scarlet Beauty.** A fine scarlet variety.
- D. **Maroon.** (Single). Almost black.
- D. **Newport Pink.** An excellent pink variety.
- D. **holborn glory.** A beautiful variety.
- Special mixed.** A mixture of all colors, just the thing for mass planting along walks, or for mixed borders. Each, 20c; per doz., \$2.00; per 100, \$14.00.

### DIANTHUS—Deltoides (Maiden Pink)

**D. lat. atrococcineus fl. pl.** Beautiful summer blooming variety, producing masses of brilliant, fiery crimson flowers all season. Each, 20c; per doz., \$2.00

### DIANTHUS—Plumarius

**D. semperflorens.** Single and double flowers in mixed colors. Each, 25c; per doz., \$2.50.

### DIANTHUS PLUMARIUS—Hardy Garden or Spice Pinks

**Elsie.** Bright red, with maroon center.

**Essex Witch.** A delicate pink; edges fringed.

**Gertrude.** White, with maroon markings.

**Grenadier.** Velvety deep red.

**Her Majesty.** Very large; purest white.

Each, 25c; per doz., \$2.50; per 100, \$18.00.

### DICTAMNUS—Gas Plant

**D. fraxinella.** Rose-pink flowers.

**D. fraxinella alba.** Pure white.

Each, 50c; per doz., \$5.00.

### DIELYTRA OR DICENTRA—Bleeding Heart

**D. spectabilis** (Bleeding Heart or Seal Flower). An old-time favorite. Each, 50c; per doz., \$4.80.

**D. exima.** Flowers reddish-purple, drooping. Foliage silvery and lanceolate, growing 10 to 18 inches high. Each, 40c; per doz., \$3.60.

### DIGITALIS—Foxglove

**D. gloxiniaeflora.** A fine strain of finely spotted varieties in color, white, rose and purple.

**D. maculata superba.** An extra choice strain of beautifully spotted sorts. Each, 25c; per doz., \$2.50 per 100, \$17.00.

### DORONICUM—Leopard's Bane

**D. excelsum.** Has large, yellow marguerite-like flowers, 2½ to 3 inches across, in early spring. 1½ to 2 feet. May, June. Suitable for cutting. Each, 30c; per doz., \$3.00.

### ECHINOPS—(Globe Thistle)

**E. ritro.** Metallic blue flowers; thistle-like foliage. July and August. Each, 20c; per doz., \$2.00.

### ERYNGIUM—(Sea Holly)

**E. amethystinum.** The true blue thistle, with amethyst stems and bracts. Each, 25c; per doz., \$2.50.



Delphinium

## EUPATORIUM

**E. ageratoides.** A useful border plant of strong free growth with white flowers in August and September. Each, 20c; per doz., \$2.00; per 100, \$14.00.

## FERNS—Hardy

**Asplenium christatum** (Crested Fern). 10 to 15 inches.

**Asplenium goldiana.** 2 to 3 feet tall.

**Asplenium filix foeminae victoriae.** 15 to 30 inches.

**Onoclea struthiopteris** (Ostrich Fern). 24 to 36 inches.

**Osmunda claytonia** (Flowering Fern). 24 inches.

**Osmunda cinnamomea** (Cinnamon Fern). 24 to 30 inches.

**Osmunda regalis** (Flowering Fern). 2 to 3 feet tall. Strong; pot-grown plants. Each, 40c per doz., \$4.20.

## FUNKIA—Day Lily

**F. coerulea** (Plantain Lily). Blue flowers, broad green leaves. Each, 25c; per doz., \$2.50.

**F. subcordata grandiflora** (White Day Lily). Pure white, lily-shaped flowers in August. Each, 35c; per doz., \$3.50.

**F. undulata media picta.** Purple flowers, green and white variegated foliage. Each, 25c; per doz., \$2.50.

## GAILLARDIA—Blanket Flower

**G. grandiflora.** One of the showiest of the perennials, excellent cut flowers.

**G. portola hybrids.** A new strain of large flowering Gaillardia, having a color range from reddish-bronze to a deep gold. Each, 20c; per doz., \$2.00; per 100, \$14.00.

## GERANIUM—Crane Bill

**G. sanguineum.** A desirable plant with pretty cut foliage and bright crimson flowers. Each, 25c; per doz., \$2.50.

## GEUM—Avens

**G. atrococcineum.** A pretty border plant, growing about 15 to 18 inches high, producing showy bright-colored flowers from May to June. Each, 20c; per doz., \$2.00.

## GRASSES—Hardy Ornamental

For single specimens, beds or groups on the lawn nothing gives a finer effect than these. They are now largely used in prominent positions in many of the public parks, etc.

**Eulalia japonica variagata.** A very graceful variety from Japan. Long leaf blades, striped with green, white, pink and yellow. Grows 4 feet. Each, 30c; per doz., \$3.00.

**Eulalia zebra** (Zebra Grass). The long blades of this variety are marked with broad yellow bands across the leaf. Grows 4 feet. Each, 30c; per doz., \$3.00.

**Eulalia gracillima unvittata.** Of compact habit, with a very narrow foliage of bright green color. Grows 4 feet. Each, 30c; per doz., \$3.00.

**Elymus glaucus** (Blue Lyme Grass). A handsome grass with narrow glaucous silvery foliage, well adapted for the border or edge of beds containing taller sorts. Grows about 3 feet high. Each, 25c; per doz., \$2.50.

**Erianthus ravennae** (Plume Grass). Grows 8 to 12 feet high. It resembles the Pampas Grass, but blooms more abundantly. Each, 35c; per doz., \$3.50.

**Pennisetum japonicum.** One of the most valuable for beds and specimens. 4-inch pots. Each, 20c; per doz., \$2.00.

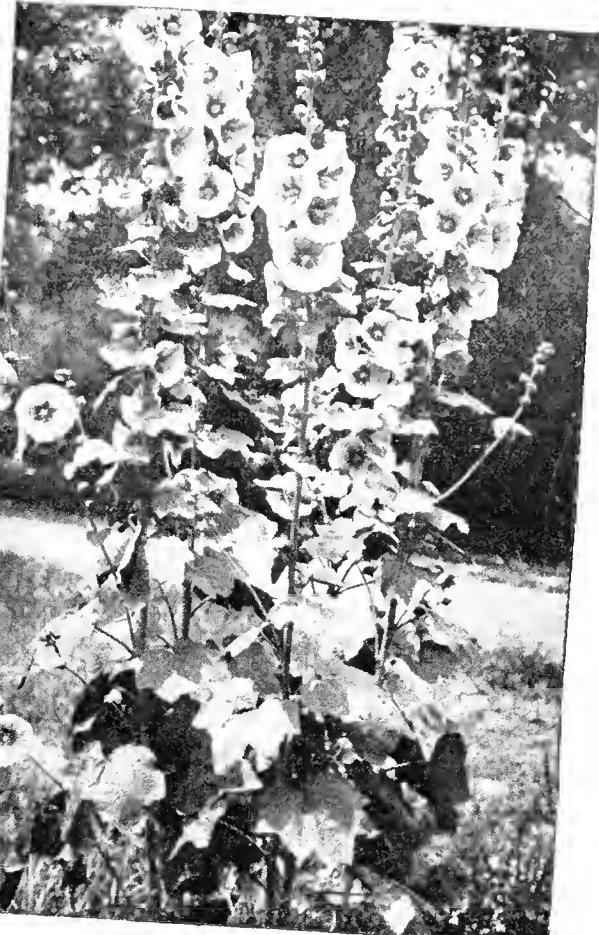
**Phalaris arundinacea** (Variegated Ribbon Grass or Gardener's Grass). Large variegated foliage, an excellent grass for bordering large beds. Each, 15c; per doz., \$1.50; per 100, \$9.00.

## GYPSOPHILA—Baby's Breath

Graceful border and rock plants with small flowers on light stems. Greatly prized for cutting.

**G. paniculata.** Minute white flowers in gauze-like sprays, exquisite in combination with other flowers when used as cut flowers. 2 to 3 ft. July and August. Each, 20c; per doz., \$2.00.

**G. repens.** A beautiful trailing plant for the rockery, with clouds of small white and pink flowers in July and August. Each, 20c; per doz., \$2.00.



Hollyhocks

**Gypsophila flora plena.** Beautiful double flowering form; flowers very large and pure white. 2 to 3 feet. July and August. Each, 65c; per doz., \$7.00.

## HELENIUM—Sneeze Wort

**H. autumnale superbum.** Golden yellow flowers in late summer. Each, 25c; per doz., \$2.50.

## HELIANTHUS—Hardy Sunflower

**H. orgyalis.** Medium sized yellow flowers in September.

**H. soliel d'or.** Double golden yellow flowers in August and September. Fine for cutting. Best of the Helianthus. Each, 20c; per doz., \$2.00; per 100, \$14.00.

## HELIOPSIS—Hardy Zinnia

**H. pitcheriana.** Deep golden yellow, about two inches in diameter.

**H. scabra zinniaeiflora.** Grows 2 to 3 feet high. Large double yellow flowers, 3 inches across. July to October. Each, 20c; per doz., \$2.00.

## Well Selected Perennial Border Collection \$3 65 Specially priced at

A collection of rare loveliness for a "different" perennial border—24 plants in all as follows: 2 Campanula Media, 2 Chrysanthemum, 1 Dielytra Spectabilis, 2 Gaillardia, 2 Helianthus Soliel d'or, 3 Iris Ambassador, 2 Lythrum Roseum, 2 Poppy Oriental, 3 Rudbeckia Purpurea, 2 Sedum Spectabilis and 3 Stockesia Cyannea, a glorious display of unusually lovely color; all for \$3.65.



Gaillardia

## HEMEROCALLIS—Yellow Day Lily

**H. aurantiaca major.** Rich Indian yellow with flowers in June.

**H. dumortieri.** Rich cadmium yellow, buds and reverse of petals bronze-yellow. Very dwarf. Blooms in June.

**H. fulva** (Tawny Day Lily). Grows from 4 to 5 feet high, with trumpet-shaped flowers of a uniform orange color with darker shadings; June and July.

**H. thunbergi.** The latest to flower; rich buttercup-yellow, funnel shaped flowers throughout July; 4 feet. Each 20c; per doz., \$2.00.

## HESPERIS—Sweet Rocket

**H. matronalis.** Deliciously sweet-scented flowers for the garden and for cut flowers. Each, 20c; per doz., \$2.00.

## HIBISCUS—Mallow

**H. Crimson Eye.** Creamy white flowers with large crimson centers. Each, 20c; per doz., \$2.00; per 100, \$14.00.

**H. mallow marvels.** A robust type of upright habit, with abundance of flowers of enormous size in all the richest shades of crimson, pink and red. Each, 20c; per doz., \$2.00; per 100, \$14.00.

## HOLLYHOCKS

We have a popular list of these flowers grown in pots and will bloom this year. Double varieties in maroon, red, white and yellow. Also in the beautiful shade of Newport Pink. Each, 25c; per doz., \$2.50.

## IBERIS—Perennial Candytuft

**I. Semperflorens.** Very dwarf and covered with sheet of white. Fine for rockery. 8 to 10 inches.

**I. gibraltarica.** Similar to Semperflorens, flowers pinkish white. Each, 25c; per doz., \$2.50.

## Iris

### GERMANICA (Fleur de Lis)

The German Iris is one of the most desirable early spring flowering plants. The flowers are of large size and exquisite colors. No garden should be without a collection of these popular flowers.

**Black Prince.** S, deep violet; F. purple.

**Boccage.** (L'Africain). S, rosy purple; F, purple striped white.

**Caprice.** S, rosy-red; F, deeper rosy-red.

**Eldorado.** Bronze, good variety.

**Gertrude.** S and F, clear violet blue.

**Her Majesty.** S, rosy pink, veined crimson.

**Juniata.** S and F, clear blue.

**Leonidas.** S, clear mauve; F, rosy mauve.

**Lohengrin.** Deep violet-mauve, large.

**Lorelei.** S, light yellow; F, blue, bordered light yellow.

**Mad. Pacquette.** Rosy-claret.

**Mme. Chereau.** White, elegantly frilled azure-blue.

**Mrs. Horace Darwin.** S, snow-white; F, white, slightly violet at base.

**Monsignor.** S, violet; F, velvety purple-crimson.

**Nibelungen.** S, fawn and yellow; F, violet-purple on bronze.

**Pallida dalimatica.** S, clear lavender-blue; F, deep lavender.

**Prosper Laugier.** S, light bronze-red; F, velvety ruby-purple.

**Purple King.** S, purple; F, deep purple. Early.

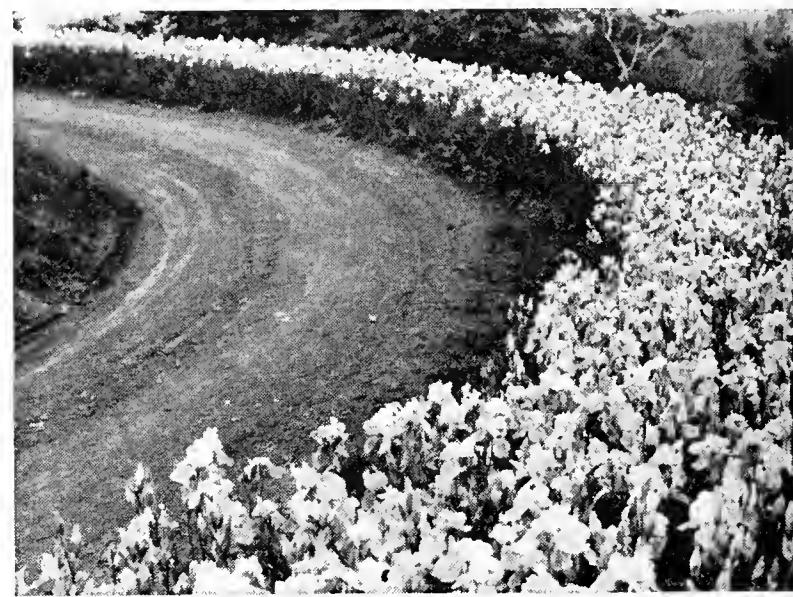
**Quaker Lady.** Smoky lavender, shading to deep blue.

**Queen of May.** Lilac-pink; large; mid-season; 32 inches.

**Rhein Nixe.** Standards white, falls violet-purple edged white.

**Sherwin Wright.** S and F, bright clear yellow.

Prices on above: Each, 20c; per doz., \$1.80; per 100, \$13.00.



An Iris Bordered Driveway

## INTERMEDIATE VARIETIES

**Walhalla.** S, lavender; F, wine-red.

**Freya.** S, pearl; F, flamed violet.

**Helge.** Lemon-yellow, pearl shadings. Each, 15c; per doz., \$1.50; per 100, \$10.00.

**IRIS PUMILA—Dwarf, for Edging.**

**Bride.** White with primrose beard. Each, 15c; per doz., \$1.50.

**Cyanea.** Deep velvety-blue; flowers large. Each, 12c; per doz., \$1.00; per 100, \$6.00.

**Fairy.** Pale blue, fine. Each, 15c; per doz., \$1.50.

**Stewart alpina hybrata.** Pure yellow. Each, 15c; per doz., \$1.50.

## SPECIAL VARIETIES

**Alcazar.** S, light violet; F, deep purple-bronze, veined throat. Each, 20c; per doz., \$1.80.

**Ambassadeur.** S, smoky velvety-purple color; F, velvety purple-maroon. Each, 35c; per doz., \$3.60.

**Lent A. Williamson.** A new introduction; very fine. S, lavender-violet. Each, 35c; per doz., \$3.60.

**Lord of June.** S, lavender-blue; F, rich violet-purple, sweetly scented. A very fine variety. 40-inch. Each, 35c; per doz., \$3.60.

**Mother of Pearl.** A light soft lavender with a lustrous texture displaying the iridescent colors of Mother of Pearl. Each, 40c; per doz., \$4.20.

**Oriflame.** S, light blue; F, rich violet-purple. Each, 25c; per doz., \$2.50.

**Queen Catarina.** Another new introduction; very fine. Azure-blue, fragrant. Each, 30c; per doz., \$3.00.

only \$1.50  
for seven fine  
JAPAN IRIS

All select varieties, our selection, seven No. 1 plants, postage paid, \$1.50. Japan Iris make a delightful background for a lily pool.

## IRIS—Japanese

**Astarte.** Double beautiful dark violet.

**Hercule.** Double clear lilac, blue.

**Iphigenie.** Deep Chinese lilac.

**Iso-no-nami.** Double soft blue, silvery veins.

**Koko-no-iro.** Rich royal purple with white veinings.

**Mahogany.** Large double flowers, latest to bloom. Purpled mahogany-red. The erect petals prettily crested.

**Ski-no-ryo.** Double blue and white. Each, 25c; per doz., \$2.50; per 100, \$18.00.

## IRIS—Orientalis

**I. orientalis blue.** Similar to Siberica varieties but not so tall.

**I. siberica.** Purplish-blue flowers. 3 feet high, useful for cutting. Each, 15c; per doz., \$1.50.

8 VARIETIES OF FINE \$1.00  
GERMAN IRIS FOR \$1.00

Varieties you'll find in every Iris lover's garden, one each of Ambassadeur, Alcazar, Caprice, Eldorado, Juniata, Lorelei, Monsignor, and Queen Catarina—  
Collection of 8, postpaid.....\$1.00

## LATHYRUS—Perennial Pea

*L. latifolius*. Hardy climbing pea. We have these in pink and white. Each, 20c; per doz., \$2.00.

## LAVANDULA—Lavender

*L. vera*. This is the true sweet lavender; grows about eighteen inches high. Delightfully fragrant flowers in July and August. Each, 25c; per doz., \$2.50.

## LILIUM—Lily

**Outdoor culture.** When planting Lilies out of doors, see that they have a well-drained position, and where they will be shaded from very hot sun. Such places can usually be found around the shrub borders, and in the hardy plant border.

Spade over the ground thoroughly to a depth of 18 inches before planting Lilies and enrich it by adding equal portions of leafmold, peat and rotten manure. Plant the bulbs 4 to 6 inches deep, putting some sand under and around the bulbs.

*L. candidum*. The old-fashioned pure white garden lily. One of the hardest. 5 to 6-inch pots. Each, 35c; per doz., \$3.60.

*L. auratum*. Flowers very large, delicate ivory-white, thickly dotted with rich chocolate crimson spots. A bright golden band runs through the center of each petal. The finest of all lilies. 6-inch pots. Each, 40c; per doz., \$4.20.

*L. rubrum*. White, heavily spotted with rich crimson spots. 6-inch pots. Each, 40c; per doz., \$4.20.

*L. tigrinum* fl. pl. (Double Tiger Lily). Orange-scarlet with dark spots. Each, 30c; per doz., \$3.00.

*L. tigrinum*. Single form of the above. Each, 30c; per doz., \$3.00.

## THE NEW REGAL LILY

*Lilium regale* or *myriophyllum*. Experiments have proven this new Lily to be hardier than most kinds. The flowers are white, slightly suffused with pink; with a beautiful glow of canary-yellow at center; which continues part way up the trumpet. July. Each, 30c; per doz., \$3.00.

## LOBELIA CARDINALIS (Cardinal Flower)

Handsome border plants. Rich, fiery cardinal flowers; strong plants, often producing 10 to 18 spikes. Thriving in any ordinary garden soil, but preferring a moist, deep loam, where they will not suffer from drought. August till late in September. Each, 25c; per doz., \$2.50; per 100, \$18.00.

## LUPINUS—Lupine

*L. polyphyllus*. An effective plant, producing large spikes of clear blue flowers during the latter part of May and early June. Grows about 3 feet high. Each, 25c; per doz., \$2.50.

## LYSIMACHIA—Money-Wort

*L. nummularia* (Creeping Jenny or Money Wort). Valuable for planting under trees or shrubs where grass will not grow, where it quickly forms a dense carpet. Each, 15c; per doz., \$1.50; per 100, \$10.00.

## LYCHINIS—Campion

*L. calcedonica* (Jerusalem Cross). Brilliant orange-scarlet flowers all summer, 2 to 3 feet high.

*L. haageana*. Brilliant orange-scarlet flowers in May and June. 12 inches.

*L. viscaria*. Forms a dense tuft of evergreen foliage; flower spikes of double, deep red, fragrant flowers in June. 1 foot. Each, 25c; per doz., \$2.50.

## LYTHRUM—(Loose-strife)

*L. roseum superbum*. A very pretty perennial; grows 3 feet high, and produces spikes of rosy flowers from July to September. Each, 20c; per doz., \$2.00.

## MERTENSIA—Virginia Blue Bells

*M. virginica*. A dark green foliage, loose panicles of rich blue-purple flowers 12 to 18 inches; very early. Each, 20c; per doz., \$2.00.

## MONARDA or BERGAMOT —Oswego Tea

Showy plants 24 to 30 inches, succeeding in any soil, aromatic; rather coarse foliage. July and August.

*M. didyma*. Brilliant crimson scarlet. Each, 20c; per doz., \$2.00; per 100, \$15.00.

## MYOSOTIS—Forget-me-not

This plant is charming in the border, rock garden or by the waterside. Thrives best in some shade and with sufficient moisture.

*M. palustris*. Rich blue flowers with yellow eye. Each, 20c; per doz., \$2.00.

## NEPETA—(Ground Ivy or Catmint)

*N. mussini*. An excellent plant for rock gardens, of dwarf compact habit, producing masses of bloom of a beautiful lavender. 1 to 2 feet. Each, 20c; per doz., \$2.00.

## OENOTHERA— Evening Primrose

*O. missouriensis*. Large yellow flowers, often 5 inches in diameter, produced freely from June till August.

*O. youngei*. A strong, stocky, large-leaved plant, with firm, shiny foliage; numerous light lemon-yellow flowers. 2 feet. June to August. Each, 20c; per doz., \$2.00.

## PACHYSANDRA —Japanese Spurge

*P. terminalis*. A trailing plant; glossy green foliage; spikes of flowers in May and June. A cover plant either in sun or shade. Each, 20c; per doz., \$2.00; per 100, \$17.00.

## PEONIES—Herbaceous

It is probably the most showy spring flowering plant in our entire list of hardy plants. All plants will be strong divisions with from three to five eyes.

**Charlemagne**. Light pink, late. Each 45c; per doz., \$4.80.

**Duchess de Nemours**. Pure white, early. Each, 45c; per doz., \$4.80.

**Duchesse de Orleans**. Deep pink, mid-season. Each, 45c; per doz., \$4.80.

**Edulus Superba**. Rose-pink, early. Each, 45c; per doz., \$4.80.

**Festiva Maxima**. White, crimson-flecked center. Early. Each, 35c; per doz., \$3.50.

**Francis Ortegat**. Purplish-crimson. Midseason. Each, 60c; per doz., \$6.50.

**Gen'l McMahon**. Brilliant red. Mid-season. Each, 60c; per doz., \$6.50.

**Mme. de Verneville**. Pure white. Early. Each, 45c; per doz., 4.80.

**Mme. D'Ucel**. Silvery-pink. Midseason. Each, 45c; per doz., \$4.80.

**Mons. Krelage**. Dark red. Midseason. Each, 60c; per doz., \$6.50.

**Officinalis Rubra**. Crimson, fringed leaf. Early. Each, \$1.00; per doz., \$11.00.

Following varieties of Peonies are a valuable addition to our list.

**Baroness Schroeder**. 9.0. The flower is of immense size, globular type. Guard petals white with soft baby-pink center, becoming pure white. Deliciously fragrant. Very good. Late midseason. Each, \$1.00; per doz., \$11.00.

**Karl Rosenfield**. 8.8. The flower is large, of semi-rose type, of a most perfect rich, deep brilliant crimson, on long, straight stem; slightly fragrant. Blooms early midseason. Each, 75c; per doz., \$8.50.

**Officinalis tenuifolia flora plena**. Clear brilliant red; dwarf, finely-cut foliage, very early in bloom. Very scarce. Each, \$1.75.

**President Taft**. 8.7. Lovely, delicate hydrangea-pink, enveloped in a halo of very fine white. Deliciously fragrant. Strong, straight, erect stems; flowers last; strong grower; good foliage. Double type. Mid-season. Each, \$1.00; per doz., \$11.00.



Peonies for Decoration Day



Phlox—R. P. Struthers

**Sarah Bernhardt.** 9.0. The ideal of refinement in Peonies; apple-blossom-pink with each petal silver tipped, as perfect a Peony as could be imagined. It possesses an agreeable fragrance; blooms mid-season to late. Double type. Each, \$1.25; per doz., \$12.50.

**Venus.** 8.3. Exceptionally tall, strong and upright growth. Large cupped guards and conical center with incurved notched petals of pale, old-rose-pink with a decided lavender tone. Rose fragrance. Each, 75c; per doz., \$8.50.

Following is a list of unnamed sorts, which we are selling by color. All varieties in this list are of the best and are sure to please. 3 to 5-eye plants.

**Pink and White.** Each, 30c; per doz., \$3.00.

**Red.** Each, 40c; per doz., 4.20.

3 fine  
PEONIES  
\$1.00

Three specially selected varieties that will give you a wealth of lovely blooms, red, pink and white, large 3 to 5 eye plants, postpaid.....\$1.00

### PAPAVER—Poppy

**Orienteale Pink.** Princess Louise. Each, 35c. per doz., \$3.50.

**Orienteale Red.** (Royal Scarlet). Each, 35c; per doz., \$3.50.

**Orienteale Mixed.** Each, 25c; per doz., 2.50.

### Perennials Extra Good for Cut Flowers

Anemones	Gaillardia
Babysbreath	Geums
Chrysanthemum	Iris
Columbine	Larkspur
Coreopsis	Tritoma
Daisies	Peonies in Var.
Doronicum	Phlox in Var.

### PENSTEMON—(Beard Tongue)

**P. barbatus** (Chelone). Brilliant scarlet flowers in June and August. Each, 25c; per doz., \$2.50.

### PHLOX DIVARICATA CANADENSIS

One of our native varieties. Large, bright, lilac-colored flowers, which are produced on stems about 10 inches high, in large, showy heads, and are very fragrant. April. Each, 20c; per doz., \$2.00.

### PHLOX SUFFRUTICOSA—

#### Early Flowering Hardy Phlox

**Miss Lingard.** A very fine white variety, begins to flower after the middle of June and continues throughout the season. Largely used for cut flowers. Each, 20c; per doz., \$2.00; per 100, \$14.00.

### HARDY PHLOX

The finest and most useful of the herbaceous plants. They succeed in almost any soil, or in any position, and flower throughout a long season.

**Planting.** Phlox may be planted in the autumn, from September 15th to October 15th, so as to become established before winter; but when they are to be planted in conjunction with other perennials, wait until spring.

**P. B. Comte.** Rich French purple, very brilliant.

**P. Bridesmaid.** White with large crimson center.

**P. Coquelicot.** Clear scarlet with crimson eye.

**P. Eclaireur.** Bright rosy-carmine with lighter halo.

**P. Enchantress.** Bright salmon pink, dark eye and vigorous.

**P. Fuerbrand** (Fireglow). Brilliant orange-scarlet. Sometimes almost vermillion. Flowers very freely and blooms are produced in quantity throughout the entire season. Medium height.

**P. Isabey.** Salmon-pink.

**P. Mrs. Jenkins.** Pure white, late flowering, grows very fast and is of medium height.

**P. Pantheon.** Bright carmine-rose.

**P. R. P. Struthers (Tall).** Rose cherry-red.

**P. Thor.** Salmon-pink. Medium growth.

**P. Widar.** Bright reddish-violet, white eye.

Each, 20c; per doz., \$2.00; per 100, \$15.00.

### PHLOX SUBULATA—Moss or Mountain Pink

A pretty creeping type, with moss-like evergreen foliage, which in early spring is hidden beneath a mass of bloom. One of the very best plants in our collection for the rockery, and invaluable for covering graves or carpeting the ground. Grows about 6 inches high.

**P. S. rosea.** Bright rose.

### 10 SELECT HARDY PHLOX \$1.50

We'd like to see every customer get one of these hardy Phlox collections—containing 10 select plants of 5 varieties, one selection postpaid, \$1.50.

**P. S. alba.** Pure white.

**P. amoena.** One of the best varieties for carpeting the ground, the rockery or the border. Grows 4 inches high, and in the spring is a sheet of rich bright pink flowers.

**P. S. atropurpurea.** Purplish-rose. Each, 20c; per doz., \$2.00.

### PHYSALIS FRANCHETI—(Chinese Lantern Plant)

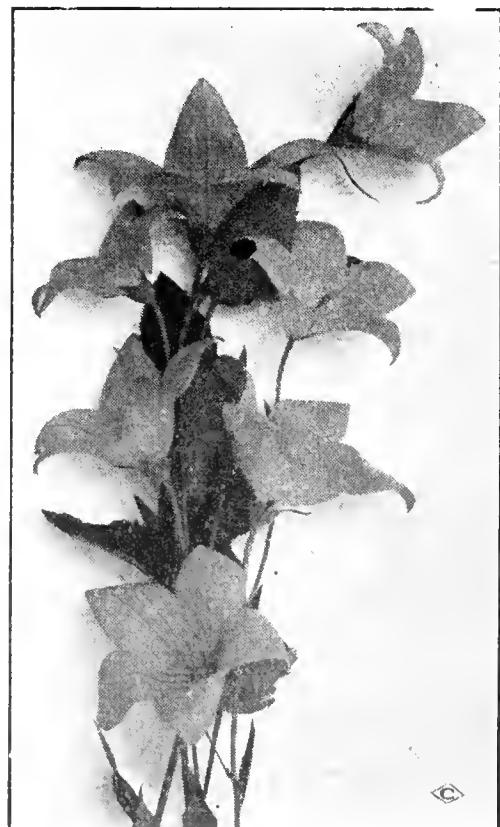
An ornamental plant forming dense bushes about 2 feet high, producing freely its bright orange-scarlet lantern-like fruits, which can be cut and dried for winter bouquets; highly interesting. Each, 20c; per doz., \$2.00.

### PHYSOSTEGIA—(False Dragonhead)

**P. virginica.** Forms large clumps 3 to 4 feet high, bearing long spikes of delicate pink flowers, tubular in form. July and August.

**P. virginica alba.** White form of the above.

**P. virginica vivid.** Dwarf in habit, attaining a height of twelve to eighteen inches, very free flowering, color lavender-pink, produced on closely set spikes. July and August. Should be in every collection. Each, 15c; per doz., \$1.50; per 100, \$10.00.



Platycodon

## PLATYCODON—Balloon Flower or Japanese Bell Flower

*P. grandiflorum*. Deep blue, cupped, star-shaped flowers.  
*P. grandiflorum alba*. Pure white star-shaped flowers.  
*P. double white*. Same as Grandiflorum.  
*P. double blue*. Same as Grandiflorum. Each, 20c; per doz., \$2.00.

## PLUMBAGO—Leadwort

*P. larpentea*. Of dwarf, spreading habit. Useful for an edging plant or for rockery, covered with beautiful deep blue flowers during the summer and fall months. Each, 20c; per doz., \$2.00.

## PYRETHRUM

*P. grandiflorum roseum*. Mixed colors.  
*P. hybrideum fl. pl.* In colors from deep red through the various shades of rose to pure white. Each, 25c; per doz., \$2.50.

## RANUNCULUS—Crow Foot or Buttercup

*R. acris fl. pl.* A double flowered form of our common buttercup. Blooms from May to June.  
*R. Repens fl. pl.* A pretty, double-flowering bright golden yellow Buttercup of creeping habit; flowers in May and June. Each, 15c; per doz., \$1.50.

## ROSEMARY—(Rosmarinus)

*R. officinalis*. An old favorite aromatic herb, delightfully fragrant, flowers light blue, grows about 2 feet high, should be planted in a warm, dry situation, and given a little protection. 18 to 24 inches. B. B. Each, \$3.25; per 10, \$30.00.

## RUDBECKIA—Cone Flower

*R. laciniata* (Golden Glow). Flowers produced in enormous quantities on long stems and resemble golden yellow cactus Dahlias. Each, 20c; per doz., \$2.00; per 100, \$15.00.  
*R. newmanii*. A fine autumn-flowering perennial, bright orange-yellow petals surrounding a large black cone. Very profuse bloomer. Each, 20c; per doz., \$2.00; per 100, \$15.00.

*R. purpurea* (Giant Purple). Flowers a peculiar reddish purple with a cone-shaped center of brown. Blooms from July to October. Each, 20c; per doz., \$2.00; per 100, \$15.00.

## SALVIA—Meadow Sage

*S. azurea*. A Rocky Mountain species, growing about 2 feet high. Produces a great number of sky-blue flowers in August and September. Each, 25c; per doz., \$2.50; per 100, \$18.00.  
*S. pitcheri*. Similar to *Azurea*, but of more branching habit and large flowers of a rich gentian-blue color. 3 to 4 feet. Each, 20c; per doz., \$2.00; per 100, \$15.00.



Sedum

## SAPONARIA—Soapwort

*S. ocymoides*. Small trailing plant, completely covered with rosy-pink flowers from May to July. Fine for rockery. Each, 20c; per doz., \$2.00; per 100, \$15.00.

## SCABIOSA—Pin Cushion Flower

*S. caucasia* (Blue Bonnet). A soft and charming shade of lavender. Fine for cutting. June and July. Each, 20c; per doz., \$2.00; per 100, \$15.00.

## SEDUM—Stone Crop

The dwarf of creeping varieties; are suitable for rock work, covering graves, dry, sunny banks and carpet bedding.

*S. acre* (Golden Moss). Creeping, foliage and flowers bright yellow. Each, 15c; per doz., \$1.50; per 100, \$10.00.  
*S. album* (White Stonecrop). 3 inches. white flowers during July and August. Each, 15c; per doz., \$1.50; per 100, \$10.00.  
*S. maximowiczii*. Yellow, late blooming good foliage effect. Each, 20c; per doz., \$2.00.  
*S. spectabilis* (Pink Stonecrop). 1 to 1½ feet. August and September. Each, 20c; per doz., \$2.00.  
*S. spectabile brilliant*. A rich colored form of the preceding, being a bright amaranth red. Each, 20c; per doz., \$2.00.

*S. spurium cocconium*. Creeping, crimson flowers on red stems. Each, 20c; per doz., \$2.00.

## SILENE—Catchfly or Campion

*S. Schafta* (Autumn Catchfly). A charming border or rock plant, growing from 4 to 6 inches high, with masses of bright pink flowers from July to October. Each, 30c; per doz., \$3.00.

## STATICE—Great Sea Lavender

*S. latifolia*. A most valuable plant either for the border or rockery. Purplish minute flowers during July and August. Each, 20c; per doz., \$2.00.

## STOKESIA—Stokes Aster (Cornflower Aster)

A beautiful native plant growing 18 inches high, bearing freely from early in June until September its handsome cornflower-like blossoms which measure from 4 to 5 inches across.

*S. cyanea*. One of the prettiest and most distinct hardy plants in our collection. Produces showy, aster-like deep lavender-blue flowers from early in June until cut down by frost.

*S. cyanea alba*. White form of above. Each, 20c; per doz., \$2.00; per 100, \$15.00.



Salvia—Brilliant Scarlet Sage

## “Cozy Corner” COLLECTION of PERENNIALS

10 of the loveliest perennials, old standbys that everyone enjoys. 2 Delphinium, 2 Regal Lily, 2 Iris Ambassador, 2 Chrysanthemum and 2 Hardy Aster. One selection postpaid...

\$1 95

## THALICTRUM—Meadow Rue

*T. aquilegifolium atropurpureum*. Elegant, graceful foliage and masses of rosy purple flowers in May to July.  
*T. glaucum*. Fine cut glaucous foliage, bronzy-yellow flowers in June. 2 ft. Each, 25c; per doz., \$2.50.

## TRITOMA—Torch Lily

*T. pfitzerii*. Long spikes of a rich orange scarlet, shading to salmon-rose on the edge. Each, 25c; per doz., \$2.50.

## VERBENA

*V. venosa*. A creeping plant in bloom all summer. The flowers are purplish blue and always plentiful. Good for rock garden in warm, sunny place. Each, 25c; per doz., \$2.50.

## VERONICA—Speedwell

*V. amethystina*. Amethyst-blue flowers in June and July.  
*V. incana*. Bright, silvery foliage, with spikes of amethyst-blue flowers.

*V. longiflora subsessilis*. Begins to bloom in mid-July and continues to mid-August. Flowers deep blue.

*V. spicata*. A fine border plant, producing long spikes of white flowers.

*V. spicata alba*. Long spikes of snowy white flowers.

*V. spicata rosea*. A fine border plant, producing long spikes of rose-colored flowers. Each, 20c; per doz., \$2.00.

## VINCA—Trailing Myrtle

*V. minor*. An excellent dwarf evergreen trailing plant that is used extensively for carpeting the ground under shrubs and trees or on graves, where it is too shady for other plants to thrive. Each, 15c; per doz., \$1.50; per 100, \$10.00.

## VIOLAS—Violets (Tufted Pansy)

*V. admiration*. Deep violet flowers in great profusion all summer.

*V. Jersey Gem*. Color rich violet, slightly perfumed. Dwarf habit and very free flowering. Flowers similar to the pansy. Fine for bedding.

*V. perfection*. Light blue flowers in abundance all summer; a very lovely variety planted with the yellow sort.

*V. Prince of Wales* (English). Hardy and sweet scented. Each, 20c; per doz., \$2.00.

## YUCCA—Adam's Needle, or Spanish Bayonet

*Y. filamentosa*. Its broad sword-like foliage and tall branched spikes of large, fragrant, drooping creamy white flowers make it an effective plant for all positions. Each, 25c; per doz., \$2.50.

## HACKER'S VARIEGATED LEAF YUCCA

Derived from *Yucca Filamentosa*, and conforming closely thereto in form, habit, and panicle bloom—which first occurs at three years on a rigid 3 to 4-foot stalk. The surrounding bayonet-like leaves are dark, bronze-green at center, break-up with minor stripes to a broad outer edge of yellow. Hardy. Strong 2-year plants. Each, 75c; per 10, \$7.80.

# GREENHOUSE DEPARTMENT

**Time of Shipment.** We will ship all orders at the best time for planting. If you want special shipments made on certain dates, please state so on your order.

**Method of Shipment.** Greenhouse plants should never be shipped by freight. Express is the proper way to ship this class of plants.

**Parcel Post Shipments.** Add 10 per cent to amount of bill for local, first, second and third zones. We are in St. Louis, Mo., zone.

## ACHYRANTHUS

*Brilliantissima*. Bright red foliage. Each, 10c; per doz., \$1.00.

## AGERATUM—Floss Flower

*Stella Gurney*. A fine dwarf blue, fine for bedding and borders. Each, 10c; per doz., 75c; per 100, \$5.00.

## ALTERNANTHERA

*Aurea Nana*. Dwarf, growing, bright yellow and green foliage.  
*Brilliantissima*. Rather broad leaves, bushy growth; mottled bronze and cream, but mostly bright red. Each, 10c; per doz., 75c; per 100, \$5.00.



Sweet Alyssum Border

Place your orders EARLY. We reserve stock for you. Do not wait until stock is depleted. Inspect our Quality Potted Everblooming Roses. See list, page 25.

## ANTHERICUM

*A. vittatum variegatum*. A plant for window, boxes, vases, or for growing as a single specimen in pot; long, narrow, green leaves, edged with white. Each, 15c.

*A. mandaeanum*. Similar to the above in habit, but with narrower foliage, the leaves being green on the edges with creamy, white center. Each, 15c.

## ANTHIRRHINUM—Snapdragon

*Daphne*. Soft, blush pink.  
*Golden Queen*. Rich, pure yellow.  
*Firebrand*. Rich, deep red.  
*Mont Blanc*. Pure white.  
Each, 10c; per doz., \$1.00.

## ASPARAGUS

*Sprengerii*. Graceful pot plant for house decoration or for hanging baskets. According to size.

	Per
4-inch pots.....	\$0.25
3-inch pots.....	.20
	\$ 2.50

## ALYSSUM—Sweet Alyssum

*Little Gem* (Carpet of Snow). The dwarf white variety so much used for edging. Each, 10c; per doz., \$1.00.

Give it a loamy soil and plenty of water, and it will ask for nothing more. A useful plant for the veranda in summer, and for hardiness has no equal as a house plant at any season.  
*Lurida*. Green leaved. According to size, 75c to \$2.50.

## ASPIDISTRA

Nothing you invest in gives you as much in return as flowers

## BOUGAINVILLEA

**B. crimson lake.** On first opening a brilliant crimson lake, retaining this color for three or four weeks, after which they gradually pass to a crimson-carmine. Plants in 6-inch pots, \$2.00 each; strong 5-inch pots, \$1.50 each.

## CANNA

**A. crozy.** Very brilliant and attractive, rich crimson scarlet bordered with golden yellow, 3½ feet.

**Apricot.** Strong, rich apricot, passing to silver pink, with gold and coral, 4 feet.

**Burbank.** Yellow. 3 feet. Thickly spotted in the throat with bright scarlet.

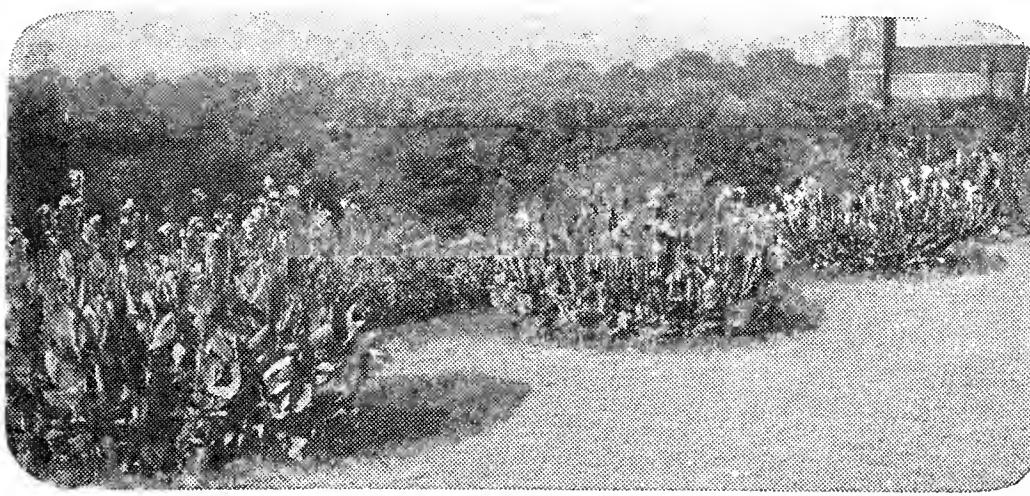
**City of Portland.** A new variety of a good, deep, clear pink; the full petalled trusses are borne freely on heavy stalks, continuing throughout the summer. 3½ feet.

**David Harum.** Dark bronze foliage; grand grower and free bloomer; fine large flowers with round petals. Bright vermillion-scarlet, dotted with crimson spots. 3½ feet.

**Joan d'Arc.** Deep pink. 4 feet.

**King Humbert.** Bronze leaf, flowers 6 inches in diameter, brilliant orange scarlet with bright red markings. Good bedding variety. 5 feet.

**Mrs. Dreer.** Yellow flowers, green leaf. 3½ feet.



Cannas Show Up Well in Round Beds

**The President.** Most sensational introduction of recent years. Largest flowered, most vigorous growing red Canna. This variety should have a place in every collection.

**Yellow King Humbert.** A sport of the red flowered King Humbert. Flowers yellow, dotted orange-scarlet. Prices on above varieties: Potted plants, 3½-inch pots. Each, 20c; per doz., \$2.00; per 100, \$15.00.

## COLEUS

Best plants for carpet bedding and borders for Canna beds.

**Christmas Gem.** Leaves very broad. A beautiful pot plant for conservatory use. Prices, 15c, 25c, 35c and 50c, according to size of pot.

<b>Flambeau</b>	<b>Prince Leopold</b>
<b>Golden Bedder</b>	<b>Setting Sun</b>
<b>Brilliancy</b>	<b>Vershaffelti</b>
<b>Chicago Bedder</b>	<b>Defiance</b>
2½-inch pots.	Each, 10c; per doz., 75c; per 100, \$5.00.
<b>Trailing Coleus.</b>	For baskets and window boxes.
3-inch pots.	Each, 15c; per doz., \$1.50.
2½-inch pots,	Each 10c; per doz., 75c.

## CROTONS

Splendid decorative plants for conservatory use or for use in carpet bedding. Fine selection of variety. 3, 4, 5 and 6-inch pots, according to size, 25c to \$1.00.

## DRACENA

**D. fragrans.** An excellent house plant with broad, dark green foliage; grows under the most adverse conditions. 4-inch pots. Each, 75c.

**D. kelleriana.** Entirely different from the other varieties. Rather compact. Foliage of a leathery texture, rich, dark green color, densely marked with spots of creamy white. 4-inch pots. Each, 75c.

**D. massangeana.** Broad, green foliage with yellow band through the center. 4-inch pots. Each, \$1.25.

## GERANIUMS

**Alphonse Ricard.** Double, bright, orange-red.

**Beauty poitevine.** Rosy-salmon.

**Jean Pabon.** Blood-red with small white eye.

**Madam Barney.** Double, brilliant rose.

**Madam Landry.** Semi-double, salmon shaded orange.

**Mme. Recamier.** Double, pure white.

**Mrs. E. G. Hill.** Beautiful salmon, single.

**Mont Mart.** Purplish color.

**Radio Red**—A new double vermillion scarlet.

**Red Barney.** Double red.

**Ruby.** Double crimson.

**Scarlet Bedder.** Rather dwarf, semi-double, dark fiery red flowers.

**Tiffin.** Rich, glowing scarlet, shading to crimson on upper petals; single. Above varieties, each, 20c; per doz., \$2.00; per 100, \$15.00.

## Ivy and Scented Geraniums

**Ivy Leaves.** Fine for baskets or vases or where a trailing or climbing plant may be desired.

**Scented Leaves.** Noted for their scented leaves. We have the rose, lemon and nutmeg. Each, 25c; per doz., \$2.50; per 100, \$18.00.

## HEDERA—Ivy

**H. helix** (English Ivy). A familiar evergreen vine, dark green leaves, favors shady locations. Suitable to cover rocks, trellis work, graves and as a carpet under trees in places where grass will not grow.

	Per Each	Per Doz.	Per 100
4-in. pot plants	\$0.55	\$ 4.50	\$ 40.00
3-in. pot plants	.40	3.00	25.00
2½-in. pot plants	.15	1.50	.....

**Canariensis.** See vines for description and prices.

**Diefenbachia picta** (Variegated English Ivy). Leaves are a clear cream-white, with a ragged, mottled, dark green blotch. Very effective. 3-inch pots, 30c; per doz., \$3.00. 4-inch pots, 50c; per doz., \$5.00.

## HELIOTROPE

A favorite flower with everyone. Each, 25c; per doz., \$2.50.

## HIBISCUS

**Sinensis.** Single, red and pink; double red and pink. According to size: Each, 25c, 50c, 75c, \$1.00, \$1.50.

**Hibiscus cooperii.** Variegated foliage, suitable for window boxes and vases. 4-inch pots, 25c each; per doz., \$2.50.

## LANTANA

Well known useful summer bedding plants; the varieties offered are dwarf habit.

**M. Schmidtii.** A fine yellow.

**Leo Dex.** A fine red. Each, 20c; per doz., \$2.00.

## LANTANA

**Weeping.** Showy bedding or basket plants. 3-inch pots, 15c; 4-inch pots, 20c.

Plant Weber's Bedding Plants, they are of superior quality, free of insect pests and prices are right.

Let us help you with your bedding problems.



### MARIGOLD

**Golden Ball** (French). Pure golden-yellow, a fine bedding plant.

**Lemon Ball** (French). Light lemon-yellow. Each, 10c; per doz., \$1.00; per 100, \$6.00.

### MOONFLOWER

**Mexican**. The fastest growing, climbing annual. Each, 15c; per doz., \$1.50.

### PANDANUS

**Pandanus Veitchii** (Screw Pine). One of the best and most attractive decorative plants for the house. The leaves are light green, beautifully marked with stripes of white and gracefully curved. According to size: Each, \$1.00 to \$5.00.

### PANSY—Mammoth Strain

We will have ten thousand to offer this spring. Per doz., 60c; per 100, \$4.00.

### PENNISETUM—Fountain Grass

Tender ornamental grasses, valuable either as individual specimens in the garden or for massing. For border plants for canna beds nothing equals them.

**P. cooperianum**. Pretty bronze foliage and grows three to four feet tall. Fine for edging canna beds. 3-inch pots. Each, 25c; per doz., \$2.50.

**P. longistylum**. Extremely graceful, greenish plumes; excellent for bedding purposes. 3-inch pots. Each, 15c; per doz., \$1.50.

## PLANT

### a Bed of Pansies This Spring

Enjoy the production of nature in viewing the beautiful colors found in harmonious effect in this wonderful flower.

### PETUNIA

**Double Fringed Mixed**. 4-inch pots. Each, 25c; per doz., \$2.50.

**Single Giant Fringed Mixed**. 4-inch pots. Each, 25c; per doz., \$2.50.

**Rosy Morn**. Soft rose-pink. Each, 15c; per doz., \$1.50; per 100, \$10.00.

### PHILODENDRON or MONSTERA

**Giganteum**. Of strong, climbing habit, with large, deep green foliage, a splendid wall plant for a warm conservatory. Each, 15c; per doz., 1.50.

### RHODODENDRON

We will be in position to furnish a limited list of Rhododendrons Maxim and Catawbiense for spring delivery. Parties interested in the named varieties of imported Rhododendrons, may get these prices and grades upon application. Write or phone us for any information regarding the above.

### SALVIA—Scarlet Sage

**Zurich**. A splendid, dwarf variety, growing about two feet high, and is especially valuable on account of being the earliest to bloom. 4-inch pots. Each, 20c; per doz., \$2.00; per 100, \$15.00.

### SANSEVIERA

**Zeylanica**. An elegant variegated plant, especially adapted for house decoration, the thick, leathery leaves standing the heat and dust of the house with impunity.

According to size, 20c; to \$1.00 each. **Zeylanica Laurenti**. This plant has a band of creamy-yellow, varying from  $\frac{1}{4}$  to  $\frac{1}{2}$ -inch or more in width on each edge of the leaves, which adds greatly to its decorative effect. 4-inch pots, \$1.25.

### SANTOLINA—Lavender Cotton

**S. incana**. A dwarf evergreen perennial with attractive, silvery-white foliage; useful as a rock or border plant, and largely used for carpet bedding. Each, 10c; per doz., \$1.00; per 100, \$6.00.

### TRADESCANTIA

**Wandering Jew**. Splendid plants for basket and window boxes. Green and red. Each, 10c; per doz., 75c.

### VINCA—Vine

**Major Variagata**. A popular plant for vases, baskets and window boxes, trailing vines. According to size. Each, 25c; per doz., \$2.50.

### VINCA—Periwinkle

A splendid plant for bedding or for borders, grows 18 to 24 inches high. Always clean and blooms continuously throughout the summer. Flowers single.

**V. alba**. White.

**V. aurea**. Rose.

**V. aurea reticulata**. White with red eye. Each, 10c; per doz., 75c; per 100, \$5.00.

### VERBENA

We have a nice collection of assorted colors. Each, 10c; per doz., 75c; per 100, \$5.00.

**Verbena—Beauty of Oxford**. Pink and red. Each, 10c; per doz., \$1.00; per 100, \$7.00.

### AQUATIC PLANTS FOR AQUARIUMS

Fish will not thrive unless some plants are growing to supply oxygen.

### CYPERUS—Umbrella Plant

**Alternifolius**. A splendid aquatic plant. According to size: Each, 15c, 25c and 50c.

### EICHORNIA—Water Hyacinths

**Crassipes Major**. A very free-growing and showy floating aquatic, bearing flowers of delicate lilac rose in trusses like a hyacinth. Does splendidly outdoors in summer. Each, 15c; per doz., \$1.50.

### MYRIOPHYLLUM—Parrot's Feather

**Properpinacoides**. Long, trailing stems clothed with whorls of the most exquisite foliage, as delicate as the cypress vine. An aquatic plant. Each, 10c; per doz., \$1.00.

Have you a  
Rock Garden?

Where space will permit a Rock Garden, one should consult an authority, before an attempt is made. Proper beginning insures later satisfaction. Ask about it.

### YOUR RESULTS WITH OUR PLANTS

Having grown well rooted plants that are full of vitality and having shipped them in good condition we feel that we have gone a long way toward insuring your success with them. If they are carefully planted under good growing conditions these hardy plants will give results up to the high standard that we claim for them.



Marigolds

APPLES  
will pay a  
bigger  
PROFIT  
year in and  
year out than  
other fruit.



• We raise only the  
Standard Varieties

Our list has been reduced to only the most dependable sorts and those listed below may be planted with confidence.

When pruning apple trees permit 3 to 5 well developed branches to remain, but shorten these to 6 to 8 inches.

Plant standard apple trees from 30 to 40 feet apart each way, according to the nature of the soil.

At 30 feet apart it takes 48 trees per acre; 40 feet apart it takes 27 trees per acre.

	Each	Per 10	Per 100
Extra selected trees.....	\$0.70	\$.....	\$.....
2-yr. $\frac{1}{2}$ to 1 in., 5 ft. and up.....	.50	4.00	35.00
2-yr. $\frac{1}{2}$ to $\frac{1}{2}$ in., 4 ft. and up.....	.40	3.00	25.00

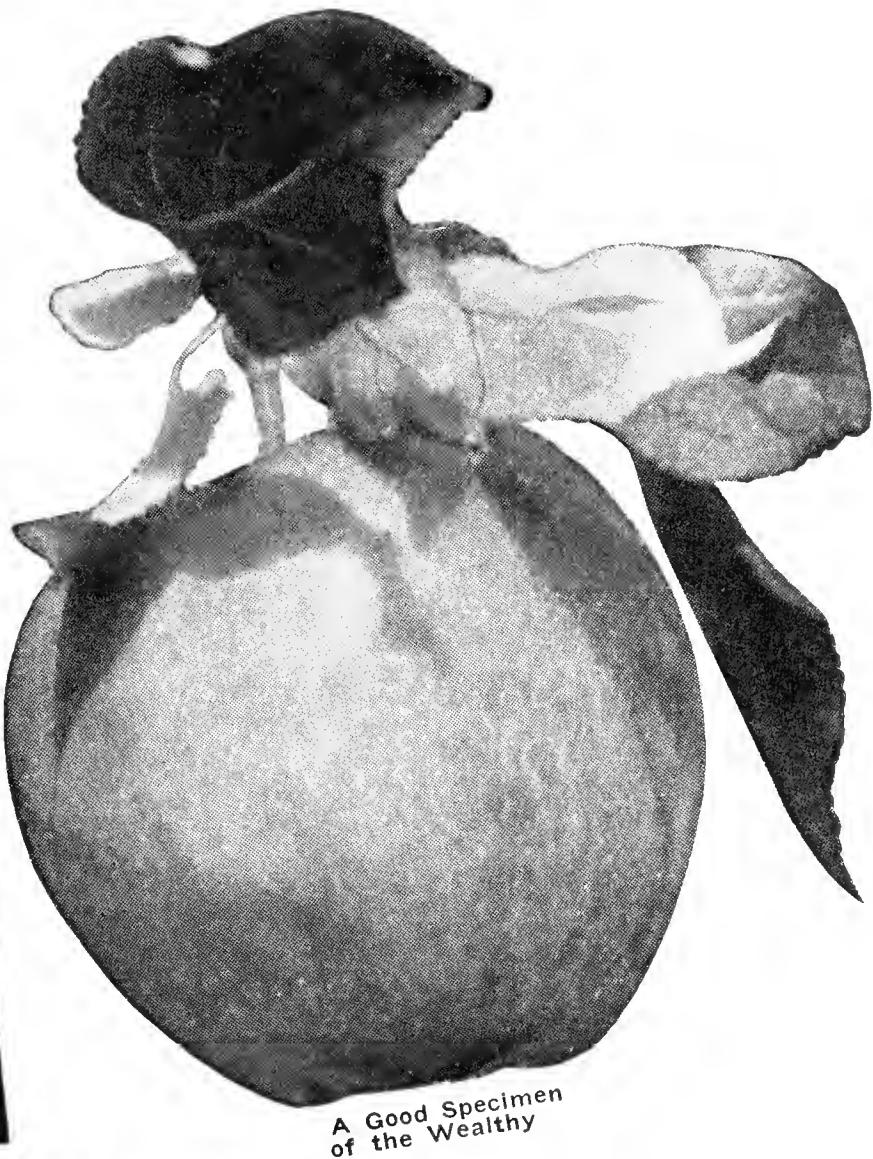
PLEASE NOTE that we specify age, caliper and approximate height of our fruit trees—this eliminates any guesswork when you buy WEBER Trees.

SUMMER OR  
EARLY VARIETIES

**Oldenburg** (Russian). Medium to large; striped, mostly red, best summer cooking apple; tree hardy, early and a good bearer. July and August.

**Red June**. Medium size, red; flesh white, tender, juicy, sub-acid; an abundant bearer. July.

**Yellow Transparent** (Russian). Skin clear white, changing to pale yellow when fully ripe; flesh white, tender, sprightly sub-acid; good bearer. July.



AUTUMN  
VARIETIES

**King David.** A beautiful apple, resembles Jonathan in color. Tree strong, vigorous grower, healthy, bears young. September.

**Livland.** One of the finest of early apples, succeeds well over a wide section. Color clear, waxy white, striped and marbled crimson and pink.

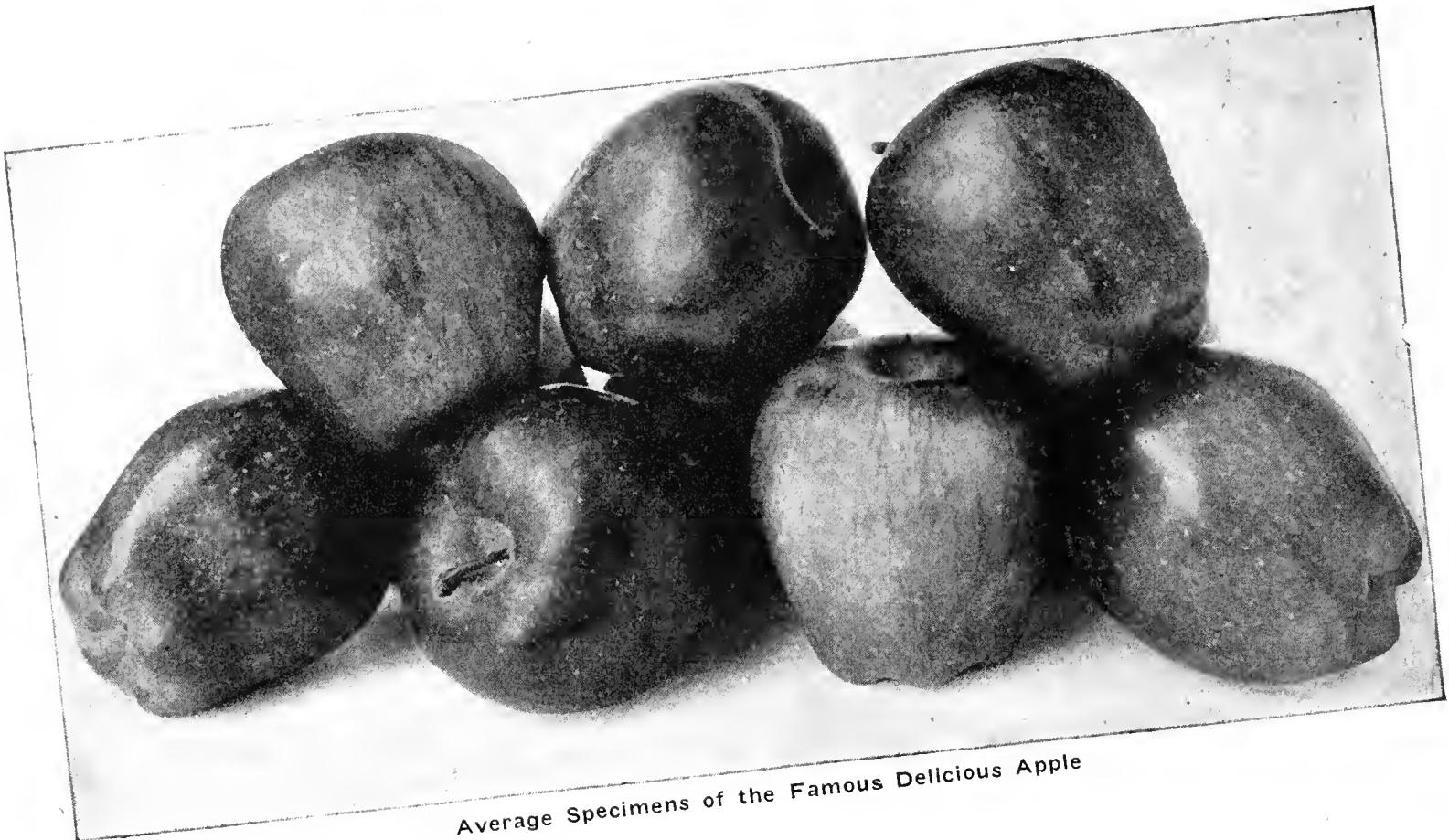
**Maiden Blush.** Large, flat, pale yellow; beautiful blush; mild, sub-acid; valuable for market, cooking and drying. September.

**Wealthy.** Fruit medium, oblate, skin smooth, whitish-yellow, shaded with deep red in the sun, splashed and spotted in the shade. Flesh white, tender, juicy, sub-acid, very good. August to September.

A Special Bargain  
20 TREE \$7.50  
Collection

A well selected fruit collection containing six different fruits—all of which should be on every home place that has room for them. Our selection of 4 Apples, 5 Peaches, 2 Pears, 4 Plums, 2 Sweet Cherries and 3 Sour Cherries—specially priced while they last at..... \$7.50

Why not make a present of this collection to one of your children? It will be sure to please them.



## EARLY WINTER VARIETIES

**Grimes.** Medium to large, roundish, oblate, slightly conical, large specimens oblong. Skin yellowish-white, with a mild sub-acid, agreeable, good to best flavor. September to December.

**Jonathan.** Medium size, form roundish, conical; skin thin and smooth, the ground clear, light yellow, neatly covered with lively red stripes and deepening into brilliant or dark red in the sun; flesh white, rarely a little pinkish; very tender and juicy; mild, sprightly vinous flavor. September to December.

## WINTER VARIETIES

**Arkansas** (Mammoth Black Twig). A seedling of Winesap, which it resembles in every way except that the tree is a better and much more vigorous grower, more hardy, and the fruit is much larger. Color dark red; flesh firm; flavor mild. A good keeper. One of the best. October to May.

**Black Ben.** Of the Ben Davis type, said to be better than Gano. Fruit large, deep red, long keeper, good shipper and sells well on the market. September to February.

**Cortland.** Tree is hardy and a good, early bearer. The abundant, large, round fruits are of a beautiful, rich red color; juicy and sprightly in flavor and very delightful to the taste. November to January.

**Delicious.** This variety should be in every orchard. Fruit large, almost covered with beautiful, dark red, blending to yellow at the blossom end. Flesh crisp, juicy, fine-grained, melting. September to February.

**Janet** (Rawles). Also called Geneton. Medium to large when grown on good soil and not allowed to overbear; flat, conical striped, red, sub-acid; very good for market and family use. Good cider apple. October to April.

**Stayman.** Tree is a vigorous grower, drooping in habit; fruit large size, bright red color and produced in large quantities. A Yellow Twig, profitable market variety. October to March.

**Winesap.** Medium, conical, dark red; very smooth. Acid to sub-acid, juicy and rich, very valuable for both family and market. Tree very hardy and an early and constant bearer. December to April.

**Winter Banana.** Large, good for dessert; bears young.

**Willow Twig.** Valuable in the middle states. Tree a moderate grower, productive. Fruit high quality; a late keeper.

**Yellow Bellflower.** Large to very large; oblong, pale yellow, sometimes blushed; acid to sub-acid, rich and good. Tree a fine spreading grower and hardy. October to January.

**York Imperial.** Medium to large, oblate; color white, shaded with crimson; flesh firm, crisp, juicy and sub-acid; a good bearer and keeper; one of the best winter apples. November to April.

## CRAB APPLES

Same price as Apple.

**Florence.** Fruit medium in size; color carmine when well colored; flesh yellowish, fine, acid. Excellent for cooking and for jelly.

**Transcendent.** Medium size, flavor pleasant and agreeable; extremely hardy.

**Hyslop.** Large size, beautiful dark crimson. Hangs in clusters. September.

**If you can spare space for a small orchard let us help you select trees that will give you fresh fruit over a long season.**

## SPRAY FOR PERFECT FRUIT

**SPRAY WITH SCALECIDE** (*the perfect spray*) while trees are dormant.

**Use SCALECIDE and SULFOCIDE for delayed dormant or cluster bud spray. Use SULFOCIDE for summer spray to control fungous troubles.**

**Ask us about them. See Page 46.**

# PEACH

The Peach is probably the finest of our fruits; everybody delights in the flavor of a fine, juicy Peach. In this section, select high, dry lands, northern or western exposure preferred.

## PRICES

	Each	Per 10	Per 100
1-year, $\frac{1}{8}$ and up, 5 to 7 ft.....	\$0.60	\$ 5.00	\$ ...
1-year, $\frac{9}{16}$ to $\frac{1}{8}$ , $4\frac{1}{2}$ to 6 ft.....	.45	3.50	30.00
1-year, $\frac{1}{8}$ to $\frac{1}{8}$ , $3\frac{1}{2}$ to 4 ft.....	.35	2.50	20.00

**Belle.** Very large; skin white, with red cheek; flesh white, firm and excellent flavor; the fruit is uniformly large and showy; a very prolific bearer. July 15th to 20th.

**Carman.** Large, resembles Elberta in shape; color creamy white, with deep blush; skin very tough; flesh tender, fine flavor and quite juicy. One of the hardest in bud. In shipping qualities and freedom from rot it is unsurpassed. Profitable market variety. July 10th to 15th.

**Champion.**<sup>1</sup> Originated at Nokomis, Ill. Flavor delicious, sweet, rich, juicy, surpassing all other early varieties. Skin creamy white with red cheek. Early, productive and large. Perfect freestone. August 10th to 15th.

**Crawford Early.** The best early yellow freestone; one of our oldest varieties. Ripens about August 1st.

**Crawford Late.** Ripens from 14 to 20 days later than the Crawford Early and is larger in size; color about the same, only a little darker red and yellow. One of the best and finest yellow freestones; moderately productive. August 25th to 30th.

**Elberta.** Supposed to be a seedling of Chinese Cling, but is entirely free. Very large, yellow, with red cheek; flesh yellow, firm, juicy and of high quality; exceedingly prolific; sure bearer and hardy. August 15th to 20th.

**Golddust.** A large, fine peach in every respect; color, bright yellow shaded with red; juicy, sweet; valuable for canning.

**Goldfinch (Early Elberta).** Color beautiful yellow, red on the sunny side; flesh juicy and sweet. August 10th to 15th.

**Greensboro.** The largest and most beautiful colored of the extra early peaches. A freestone; flesh white, juicy and excellent. July 10th to 15th.

**Heath Cling.** One of the finest canning peaches; good size; lemon shape; tree a good grower and excellent bearer. September 15th to 20th.

**J. H. Hale.** "Everybody has heard of this variety; ripens about the same time as Elberta; said to be larger and better flavored; highly colored." August 15th to 20th.

**Krummel's Late.** Found in an orchard on property of Mr. Krummel of St. Louis. Color a rich golden yellow, with bright red cheek; round, freestone, juicy. Ripens here about October 5th, and is a good keeper.

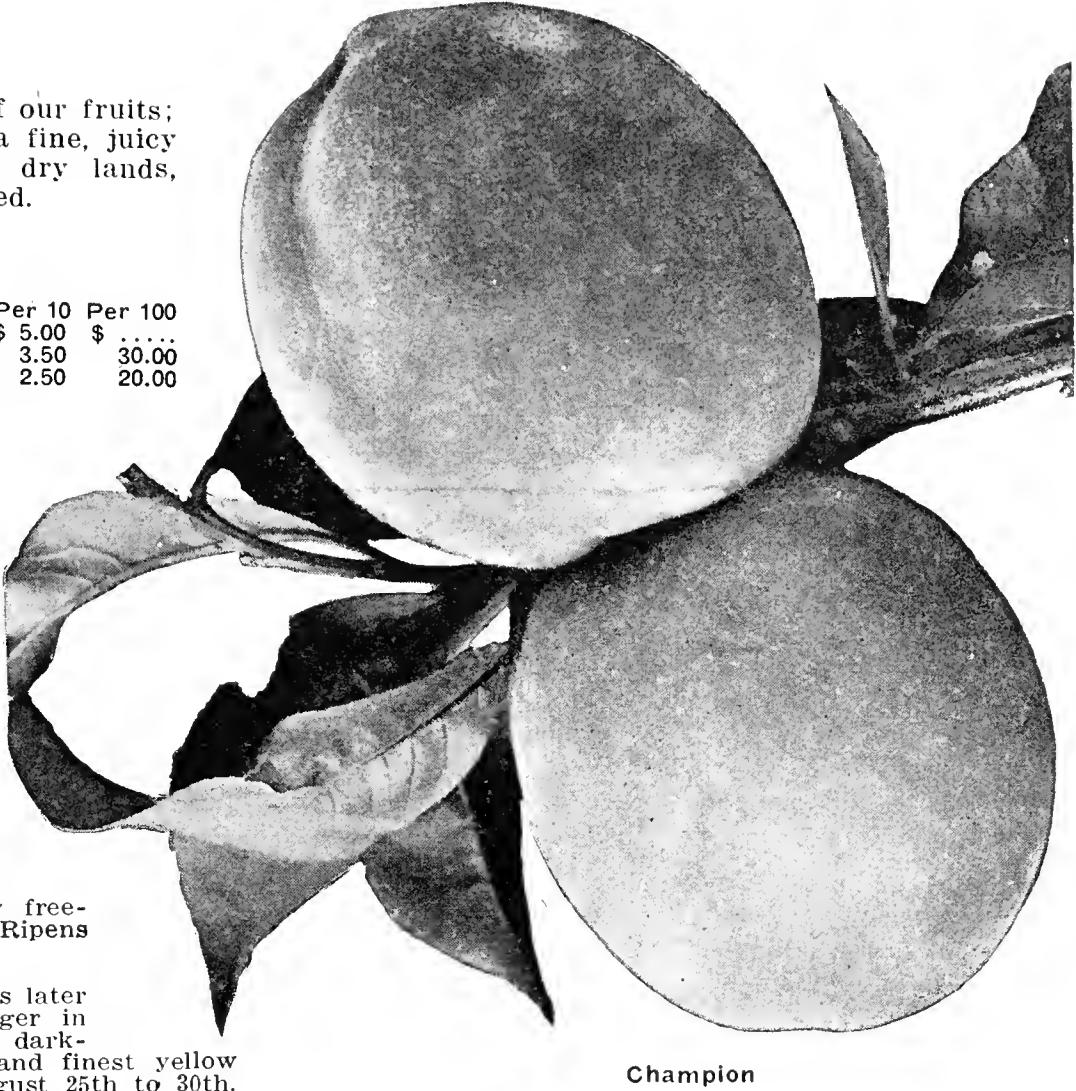
**Mamie Ross (Cling).** Very large, oblong; color similar to Chinese Cling, but has more of a red cheek. With us one of the best early clingstones. July 20th to 25th.

**6 4 $\frac{1}{2}$  to 6 foot \$1.95  
PEACH TREES**

## "Make-a-friend" Collection

Peaches grow so quickly and require so little room that everyone should have them. This collection contains one each of Belle, Goldfinch, Elberta, Rochester, Salway, and Heath Cling—and are worth much more than the special price of.....

**\$1.95**



Champion

## Plant More Fruit Trees

**Plant Weber's Quality Trees.  
They are better. We guarantee our stock true to name.**

**Prices are right.**

**Mayflower.** Originated in North Carolina; very early; color perfectly red; a valuable market sort. Perfectly hardy in bud and a heavy cropper. July 10th to 15th.

**October Beauty.** A late yellow cling. When ripe, a dark purple. Originated on the grounds of Judge Hugo Muench of St. Louis. We recommend it as the best late yellow cling. October 5th to 10th.

**Rex.** (Late Elberta). Almost identical with Elberta, but ripens several weeks later. Fine market peach, good shipper. August 30th.

**Ringold.** A good late clingstone. White, 10 days earlier than Heath Cling.

**Rochester.** A new yellow freestone variety. The fruit is large, yellow, sweet, juicy and of delicious flavor, keeping and shipping well; skin prettily blushed. Tree strong grower and hardy; prolific bearer. Ripens about July 25th.

**Salway.** Large, creamy yellow, with crimson cheek; flesh deep yellow, juicy, rich, sweet. September 15th to 20th.

**Stump.** Very large, roundish; skin white, with bright red cheek; flesh white, juicy. One of the best late freestones. September 1st to 5th.

**Wheeler (Red Bird Cling).** Fruit larger than Greensboro. round, flesh white, juicy; tough skin nearly covered with deep red. A good shipper. July 1st to 5th.

# CHERRY

The Cherry is one of the finest and most delicate dessert fruits. The acid varieties are also highly esteemed for preserving and cooking purposes. Although a very perishable fruit, the period of its use may be prolonged to six weeks by a proper selection of varieties. The trees thrive well in any soil which is sufficiently well drained, but will not succeed a long time where the sub-soil is wet. Plant 20 feet each way; 109 trees to the acre.

## SWEET VARIETIES

	Each	Per 10	Per 100
Extra selected .....	\$0.75	\$6.50	\$....
2-year, $\frac{1}{2}$ and up, 5 ft. and up.....	.60	5.00	45.00
2-year, $\frac{9}{16}$ to $\frac{1}{2}$ , 4 ft. and up.....	.50	4.00	35.00

**Tartarian (Black).** Very large, black, juicy, rich. End of June.

**Bing.** Very large, dark brown—almost black; flesh firm, sweet, rich and delicious. A noted western sort. Late.

**Schmidt.** Immense size, deep black, flesh dark, tender, very juicy, fine flavor; productive. July.

**Spanish (Sweet).** Large, pale yellow, firm, juicy and excellent. One of the best light colored cherries. Tree productive and a fine grower.

**Wood.** Large, light red, juicy, rich, delicious. June.

## DUKE AND SOUR VARIETIES

	Each	Per 10	Per 100
2-year, extra selected trees.....	\$0.70	\$6.00	\$....
2-year, $\frac{1}{2}$ and up, 4 $\frac{1}{2}$ ft. and up.....	.50	4.00	35.00
2-year, $\frac{9}{16}$ to $\frac{1}{2}$ , 3 $\frac{1}{2}$ ft. and up.....	.40	3.00	25.00

### Duke Varieties

**May Duke.** Medium, dark red, melting, rich, juicy, excellent. A reliable early cherry, nearly sweet.

### Sour Varieties

**Dyehouse.** A very early and sure bearer. Ripens a week before the Early Richmond.

**Montmorency.** Large red cherry, ripening ten to fourteen days after Early Richmond. Tree a slow but stiff grower; very profitable bearer; valuable late sour cherry.

**Morello.** Good size, very dark red when fully ripe, rich, acid, juicy, excellent for canning. Later than Montmorency.

**Richmond.** Medium size, light red; melting, juicy, sprightly acid flavor. Tree healthy and productive. One of the most popular early cherries.

# PEARS

The cultivation of this noble fruit is extending as its value is appreciated. The Pear, like most of the things highly desirable and valuable, cannot be had without attention, labor and skill. One of the most important points in the management of the pear is to gather them in the proper time. Summer pears should be gathered at least ten days before they are ripe; and August pears at least a fortnight.

At planting time prune to three to five well developed branches distributed evenly about the main stem. Shorten these to 6 to 8 inches.

(The letters "D" and "S" appended to the descriptions of varieties indicate favorable growth, either as dwarfs or standards, or both.) Plant Standard varieties 20 to 25 feet apart; Dwarfs, 10 to 12 feet apart.

	Each	Per 10	Per 100
2-year, $\frac{1}{2}$ and up, 4 ft. and up .....	\$0.55	\$4.50	\$40.00
2-year, $\frac{9}{16}$ to $\frac{1}{2}$ , 3 ft. and up .....	.45	3.50	30.00

**Kieffer and Garber only.**  
1-year,  $\frac{9}{16}$ -in, 3 $\frac{1}{2}$  to 4 ft. .... .40 3.50 28.00

**Dwarf Pear (Angouleme).**  
2-year,  $\frac{5}{8}$  and up, 3 $\frac{1}{2}$  ft. and up ..... .65 5.50 50.00

## Autumn Varieties

**Angouleme (Duchess) (D).** The largest of our good pears; succeeds on pear, but attains its highest perfection on quince.

**Anjou (S).** A large, fine pear, buttery and melting, with sprightly vinous flavor. Tree a vigorous grower and good bearer.

**Bartlett (S).** One of the most popular pears; large, buttery and melting, with rich flavor.

**Garber (S).** Earlier than Kieffer, larger and much better quality; free from blight; very hardy. Excellent for canning or preserving.

**Howell (S).** Large, handsome, sweet and melting; tree very vigorous, hardy and productive.

**Kieffer (S).** Skin rather rough. Color yellow, with red cheek in the sun. Flesh white, juicy, buttery and rich. Tree a very strong, upright grower.

**Seckel (S).** Small but of highest flavor. Tree a strong, slow, erect grower; very hardy and bears abundantly.

**Sheldon (S).** Fruit medium; color greenish-yellow, mostly covered with russet and a little brownish-crimson in the sun. Juicy, rich, aromatic and sweet.

## Winter Varieties

**Lawrence (S).** Size medium to large; obovate; color a golden yellow; flesh melting, with a rich, aromatic flavor.

# PLUM

The plum demands a rich soil well drained and additional fertility given after a few years proves beneficial. The trees usually are planted about 20 feet apart and can be used as a filler in an orchard between permanent trees. They thrive especially well in back yards, gardens and in chicken runs.

Pruning at planting time should consist of removing one-half to two-thirds of the length of all the side branches leaving 4 to 7 evenly distributed around the body of each tree.

Plant 20 feet apart; 109 to the acre.

	Each	Per 10	Per 100
$\frac{1}{2}$ and up, 5 ft. and up .....	\$0.55	\$4.50	\$40.00
$\frac{9}{16}$ to $\frac{1}{2}$ , 4 ft. and up .....	.45	3.50	30.00

## European Varieties

**Damson (Common Blue).** A valuable market sort. It bears enormous crops. It is one of the best plums for preserving. August and September.

**German Prune.** Large, dark purple, sweet, good. September.

**Lombard.** Medium, violet red, juicy, good, hardy and productive. August.

**Moore's Arctic.** Small, purplish-black, juicy, sweet, immense bearer; one of the hardiest in bud and bloom. September.

**Shropshire.** An English variety of great merit for preserving. An abundant bearer and hardy.



## Japan or Oriental Varieties

This class of plums and their hybrids are strong-growing trees with light green foliage and attractive bloom, productive and usually commence bearing the third to fourth year after planting. They bloom very early, should be planted on north or west slopes and in sections not subject to late spring frosts.

**Botan.** Beautiful lemon-yellow ground, nearly overspread with bright cherry. Large to very large; oblong, tapering to a point like the Wild Goose; flesh orange yellow, melting, rich and aromatic. August.

**Burbank.** Large, nearly globular; clear cherry red, with a thin lilac bloom; flesh a deep yellow, very sweet and agreeable flavor. Hardy. August.

**Wickson.** A sturdy, upright grower, productive almost to a fault; fruit remarkably handsome, deep maroon; stone small; flesh fine texture, firm, sugary and delicious.

**Waneta** was originated by Professor Hansen at the Dakota Experiment Station. It is without question the best one of the numerous plums that have been sent out by him. The Waneta attains a size of two inches in diameter. Fruit, a dark purplish red overlaid with blue bloom; has a delicious flavor.

## Chickasaw Varieties

**Wild Goose.** Well known, large, deep red when ripe. Good quality; one of the best native plums; should be in every orchard. July.

## APRICOT

There is no fruit more delicious or beautiful than the Apricot, and its ripening between cherries and peaches renders it especially valuable. Its chief enemy is the curculio, which can be kept in check by the method suggested for plums. Plant the same as plums.

**Early Golden.** Small size; color pale orange yellow; juicy and sweet; exquisite flavor.

**Moorpark.** One of the largest; color orange yellow, with red cheek; firm, juicy, with a rich flavor; very productive.

**Royal.** Large, yellow, juicy, rich and delicious; a very fine variety.

Each Per 10 Per 100  
1/2 to 1 1/2, 4 feet and up ..... \$0.75 \$6.50 \$60.00

## QUINCE

The Quince is hardy and prolific, bearing its crops with great regularity.

The trees or bushes should have a good, rich soil, clean cultivation and an annual dressing of well-rotted manure. Thinning out the twigs so as to keep the head open to the sun and air, and removing dead or decaying branches, is all the pruning that is required. Plant 10 feet apart each way, 435 trees to the acre.

**Champion.** The tree is a prolific and constant bearer; fruit averaging larger than the Orange, but not so high colored; more oval in shape. Quality equally as fine and a good keeper.

**Orange.** Fruit large, bright yellow color; a good bearer. The standard variety in quince.

Each Per 10 Per 100  
5/8 and up, 4 feet and up ..... \$0.70 \$6.00 \$55.00

## MULBERRIES—*Morus*

**American.** Equal to Downing in fruit, but very much hardier. Vigorous grower, very productive; the best variety for fruit; ripe from middle June to middle September.

Each Per 10

6 to 8 feet ..... \$0.90 \$8.00

**Russian.** Very hardy, vigorous grower; valuable for feeding silkworms, also relished by birds.

Each Per 10

5 to 6 feet ..... \$0.45 \$3.50

## NUT TREES

The growing demand for nuts and the immense quantities imported annually is giving an impetus to the planting of nut-bearing trees in America. Many farms contain land that would be far better planted to nut trees than in anything else, and would pay better than farm crops, besides annually growing more valuable as timber.

**Chestnut** (American Sweet). A valuable native tree, both useful and ornamental; timber very durable and possesses a fine grain for oil finish. Nuts sweet and of delicate flavor, and a valuable article of commerce.

Each Per 10

4 to 5 feet ..... \$1.10 \$10.00

**Walnut** (American Black). The large, oily nuts are borne in heavy crops. They are much relished and always bring a fair price in market. The tree grows quite fast; its wood is exceedingly valuable.

Each Per 10

4 to 5 feet ..... \$0.85 \$7.50

5 to 6 feet ..... 1.00 9.00

6 to 7 feet ..... 1.20 11.00

## \* HARDY GRAFTED ENGLISH WALNUT TREES

These are not the tender varieties grown in the South, but are the hardy variety grown in New York State, Pennsylvania and Ohio.

**Franquette.** Tree hardy and reliable, nuts medium large, shell fairly thin, cracks easily.

Each Per 10

3 to 4 feet ..... \$1.30 \$12.00

## HARDY GRAFTED PECAN TREES

We have arranged for a supply of Grafted and Budded Pecan Trees for spring delivery.

These trees will bear in one-third the time that a seedling tree will fruit. You are saving time and getting results much sooner when planting budded nut trees. Plant 40 to 50 feet apart as they make very large trees.

**Schley.** Thrifty, strong grower. Nut of the very highest quality and very thin shell.

**Stuart.** Extremely hardy, strong grower, nuts of good size, plump, well filled stop.

**Success.** Large, oblong, tapering to the apex. Color reddish brown, purplish markings, shell thin; kernel large, full, plump, yellow; flavor sweet. This is a good grower, heavy and regular bearer. Usually one of the latest to start growing in spring but a splendid variety.

Each Per 10 Per 100

Grafted or budded trees, 3 to 4 feet ..... \$0.95 \$8.50 \$80.00

## PERSIMMON (American)

The Persimmon makes a very handsome ornamental tree, and is hardy in this section. The fruit, although pungent when green, becomes sweet and palatable if allowed to remain on the tree exposed to the early frosts. Each

4 to 5 feet ..... \$1.25

## GOOSEBERRIES

Cannot be shipped to States west of Iowa, Missouri and Arkansas, or to Minnesota, account embargo.

Requires same cultivation as the currant. Mulch deeply six or more inches with straw. The mulch retains moisture and the fruit is large and evenly ripened. In mulching, be sure that the ground is underdrained, or it is worse than useless. Good cultivating is better than half mulching.

Plant in rows five feet apart and the plants three feet apart in the rows—2,904 plants to the acre. Write for prices on larger quantities than quoted.

**Downing.** Size medium to large, oval, greenish white; plants vigorous, upright, very productive; never mildews.

Each Per 10 Per 100

2-year, No. 1 ..... \$0.25 \$2.00 \$15.00

**Houghton.** A vigorous grower; very productive; not subject to mildew. Flesh tender and very good. Red when ripe.

Each Per 10 Per 100

2-year, No. 1 ..... \$0.20 \$1.50 \$12.00

## BLACKBERRIES

Many kinds of blackberries will succeed, not only on good fruit land, but even on the most sandy, porous soil. They require the same treatment as recommended for raspberries, but in field culture should be planted in rows seven feet apart and three feet distant in the row; in garden culture, plant rows five feet apart and three feet distant in the rows. The pruning should be governed by the growth of cane and should be severe. Pinch back the canes in summer when three feet high, causing them to throw out laterals.

Heavy mulch of straw or other light litter is very beneficial.

When planting 7 by 3 feet it takes 2,078 plants for an acre.

When planting 5 by 3 feet it takes 2,904 plants for an acre.

Our blackberry plants are all grown from root cuttings; they are free from disease.

**Blowers** Large size, jet black, good shipper. Per 10, 90c; per 100, \$5.00; per 1,000, \$38.00.

**Early Harvest.** This is one of the earliest blackberries in cultivation; a compact, dwarf grower; fruit medium size and fine quality; an enormous bearer. Per 10, 70c; per 100, \$3.50; per 1,000, \$24.00.

**Eldorado.** Very vigorous and hardy.

The berries are large, jet black, melting and pleasing to the taste; have no hard core. Per 10, 90c; per 100, \$5.00; per 1,000, \$38.00.

## DEWBERRIES

**Lucretia.** One of the low-growing, trailing blackberries. Perfectly hardy, healthy and remarkably productive, soft, sweet and luscious with no hard core.

Per 10 Per 100 Per 1,000

1-year plants ..... \$0.80 \$ 4.00 \$ 34.00

## RASPBERRIES

Will do very well on any soil that will produce a good corn crop. Land should be thoroughly prepared and well enriched; ground bone is one of the best fertilizers. Keep well cultivated and free from weeds and suckers. All kinds of raspberries are benefited by mulching both summer and winter. Spring is the best season to plant. Plant in rows six feet apart, three feet apart in rows, 2,240 plants to the acre.

Write us for prices on larger quantities.

**Chief.** A new red variety, ripens ten days earlier than Latham. Fruit medium, good color and of high quality. Very hardy. Each, 15c; per 25, \$3.00; per 100, \$8.00.

## RED SORTS

**Cuthbert.** A remarkably strong, hardy variety; berries very large, rich crimson, very handsome, sweet, rich and luscious; highly flavored. Per 10, 90c; per 100, \$4.75; per 1,000, \$34.00.

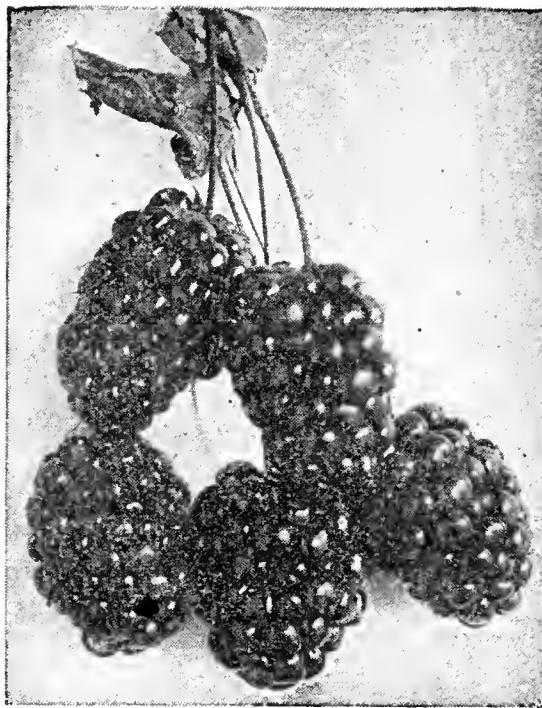
**King.** Said by many to be the best early red raspberry. Plant a strong grower, hardy and productive. Berry firm, good shipper; large size; color, bright scarlet. Per 10, 90c; per 100, \$4.75; per 1,000, \$34.00.

**Latham.** The Big Red Raspberry. The production of this new variety, together with the fine appearance of the fruit and its splendid shipping qualities make it a very profitable sort. Its extreme hardiness and splendid vigor insure big crops. We consider this a valuable addition to our list of Red Raspberries. Per 10, \$1.00; per 100, \$5.00; per 1,000, \$36.00.

**St. Regis.** This variety has proven its worth again during the season of 1930, producing fine crops of fruit. Begins to ripen with the earliest and continues to bear on young wood until October. Berries bright crimson, large size, rich sugary raspberry flavor. Flesh firm and meaty, a good shipper. Per 10, 75c; per 100, 4.25; per 1,000, \$30.00.

## PURPLE SORTS

**Columbian.** An improvement on Shaffer's which it resembles, but the berry is much firmer, adheres to the bush much longer and retains its shape better, both on the market and for canning. Bush a stronger grower, attaining a very large size. One of the hardiest and wonderfully prolific. Per 10 Per 100 Per 1,000  
1-year tips ..... \$1.00 \$ 5.25 \$38.00



Early Harvest Blackberry

## BLACK SORTS

**Cumberland.** The largest of all black caps. A healthy, vigorous grower, throwing up stout, stocky, well-branched canes that produce immense crops of magnificent berries. Fruit very large, firm; quality about the same as Gregg; keeps and ships well as any of the blacks. The most profitable market variety.

Per 10 Per 100 Per 1,000  
Tips ..... \$0.90 \$4.75 \$36.00

**Kansas.** A strong, vigorous grower, standing extremes of drought and cold and bearing immense crops. Early, berries size of Gregg, of better color; jet black and almost free from bloom; firm, of best quality.

Per 10 Per 100 Per 1,000  
Tips ..... \$0.90 \$4.75 \$36.00

**Plum Farmer.** A few days later than Kansas; matures its crop in a very short period, making it one of the most profitable early market sorts. Berries are thick-meated, firm, with a bloom similar to Gregg. Large berries.

Per 10 Per 100 Per 1,000  
Tips ..... \$0.90 \$4.75 \$36.00

## ASPARAGUS

Bed should be made rich and spaded over, three rows eighteen inches apart, setting plants about sixteen inches apart in the row, and say, four inches deep. Let the earth be raked over, covering plant about two inches; as the plant grows up, more ground should be added and let this bed be kept clean and free from weeds at all times and well manured. Asparagus plants grow upward in place of downward; hence the filling in at intervals.

**Washington.** A new rust-resistant pedigreed Asparagus.

Per 25 Per 10 Per 1,000  
2-year, No. 1 ..... \$0.75 \$ 2.00 \$ 14.00  
Write us for prices on large quantities.

## RHUBARB OR PIEPLANT

This deserves to be ranked among the best early fruits of the garden. It affords the earliest material for pies and tarts, continues long in use and is valuable for canning. Make the bed very rich and deep. Plant in rows four feet apart and the plants three feet distant. Set the roots so that the crowns are about an inch below the surface.

**Linnaeus.** Large, early, tender and fine; the very best of all.

Each Per 10 Per 100  
2-year, No. 1 ..... \$0.20 \$1.50 \$10.00  
2-year medium large sets ..... .15 1.00 7.50

## CURRANTS

Cannot be shipped to States west of Iowa, Missouri and Arkansas, or to Minnesota, account embargo.

Currants should be planted in good, very fertile soil, with liberal manuring, and the tops should be cut back nearly to the crown, allowing only three or four canes to grow the first year. Prune more or less every year to get rid of old wood and keep the bushes open. Plant same as Gooseberry.

Write for prices on larger quantities than quoted.

**Cherry.** Very popular in market and brings several cents more per quart than any other old variety.

Each Per 10 Per 100  
2-year, No. 1 ..... \$0.20 \$1.60 \$13.00

**Fay.** Berries are large, uniform in size, with long stems, good flavor, and is very productive and easy to pick.

Each Per 10 Per 100  
2-year, No. 1 ..... \$0.20 \$1.60 \$13.00

**London.** Plant is extremely vigorous, with perfect foliage, which it retains through the season; an enormous cropper; ripens with Victoria; is large in bunch and berry.

Each Per 10 Per 100  
2-year, No. 1 ..... \$0.20 \$1.60 \$13.00

**Perfection.** The color is a beautiful red. It is a great bearer and on account of its great productiveness the plants should be kept well cultivated and fertilized, as should all heavy bearers. Ripens about the same time as Fay. Quality rich, mild, sub-acid; plenty of pulp, with few seeds.

2-year, No. 1 .....	Each Per 10	Per 100	\$0.30	\$2.50	\$20.00
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**White Grape.** Large, yellowish white; sweet or very mild acid; excellent quality and valuable for table use. Productive.

2-year, No. 1 .....	Each Per 10	Per 100	\$0.20	\$1.60	\$13.00
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**Wilder.** Large, very productive, sweet and hangs a long time on the bushes in fine condition after fully ripe.

2-year, No. 1 .....	Each Per 10	Per 100	\$0.20	\$1.60	\$13.00
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## RED or AMBER SORTS

**Agawam** (Rogers No. 15). Berries very large, with thick skin; pulp soft, sweet and sprightly; very vigorous; ripens early.

Each, 20c	per 10,	\$1.75;	per 100,	\$13.00;	per 1,000, \$110.00.
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**Brighton.** Bunch large, well formed; berries above medium to large, round; excellent flavor and quality; one of the earliest in ripening.

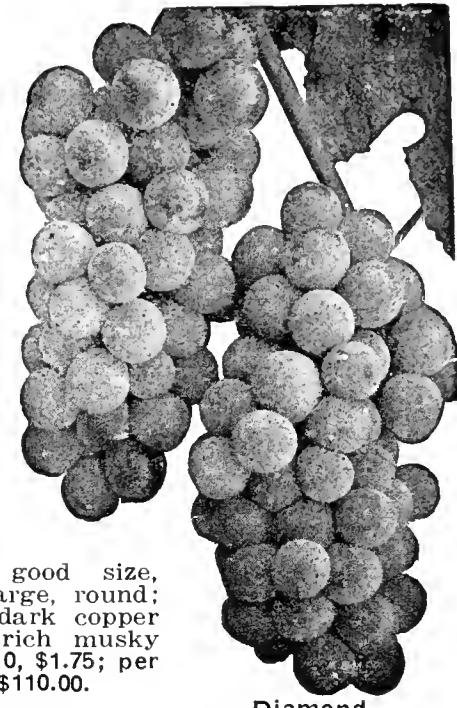
Each, 20c	per 10,	\$1.75;	per 100,	\$14.00;	per 1,000, \$120.00.
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**Catawba.** Bunches of good size, rather loose; berries large, round; when fully ripe of a dark copper color, with a sweet, rich musky flavor.

Each, 20c	per 10,	\$1.75;	per 100,	\$13.00;	per 1,000, \$110.00.
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**Delaware.** Bunches small, compact, shouldered; berries rather small, round; skin thin, light red; flesh very juicy, without any hard pulp, with an exceedingly sweet, spicy and delicious flavor.

Each Per 10	Per 100	Per 1,000		
2-year, No. 1 .....	\$0.20	\$1.75	\$14.00	\$120.00



**Diamond**

## STRAWBERRIES

We have discontinued growing strawberry plants, but have arranged with a reliable grower to furnish and ship direct all strawberry orders entrusted to us. The plants will be strictly true to name and good healthy stock. All plants tied in bundles of 24. Plants will be ready for shipment about April 10th, weather permitting.

All strawberry plants will be sent either Parcel Post or Express, according to quantity.

Plant in rows 4 feet apart, plants 18 inches apart in row, requiring 7,260 plants to acre.

### Varieties we recommend:

Premier. Early.  
**Senator Dunlap.** Med. early.  
**Dr. Burrill.** Med. early  
**Big Joe.** Midseason.  
**Aroma.** Late.  
**Gibson.** Late.  
**Wm. Belt.** Late.  
**Gandy.** Very late.  
**Mastodon.** Very late.

Please write or phone us for special spring prices on strawberry plants.

Use SCALECIDE on Grapes,  
 Blackberry, Raspberry and  
 Currant

Controls fungous troubles

## GRAPES

Make the soil mellow and plant the vines somewhat deeper than they stood in the nursery. Plant about eight feet apart, along the fence or building. For vineyard purposes make rows eight feet apart, six feet in rows. 908 plants per acre. For arbor plant four feet apart. Prune all plants to one cane, cut this back to two eyes at time of planting.

**Campbell Early.** A fine healthy and early variety, profuse bearer. Ripens with Moore's Early but keeps on the vine or in the house for weeks.

Each Per 10	Per 100	
\$0.20	\$1.60	\$14.00

2-year No. 1 .....

**Concord.** The old standby. A large, purplish-black grape; vines remarkably hardy, vigorous and productive. Very popular; best market sort.

Each Per 10	Per 100	Per 1,000	
\$0.15	\$1.20	\$8.00	\$65.00

2-year, No. 1 .....

1-year, No. 1 .....

10

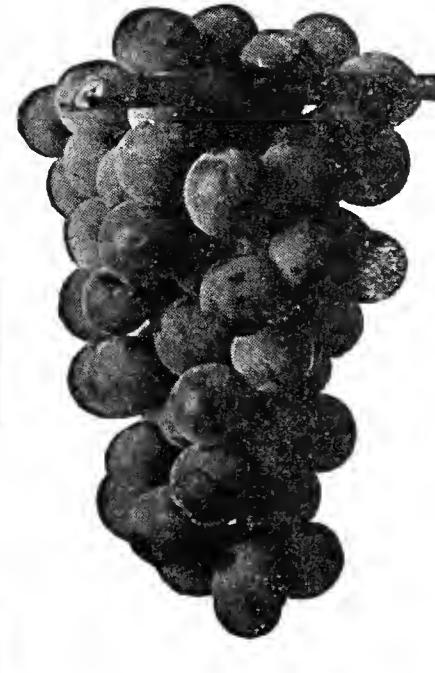
2-year

old

vines

**\$135**

## RED, WHITE and BLUE GRAPE COLLECTION



Collection contains 6 Concord, 2 Niagara, 2 Brighton, vines of the very first quality and all known as prolific producers, postpaid, \$1.35.

**Moore.** Bunch medium, berry large, round, with heavy bloom; vine exceedingly hardy, entirely exempt from mildew or disease. Its earliness makes it desirable for an early market. Two weeks earlier than Concord.

Each Per 10	Per 100	Per 1,000	
\$0.20	\$1.60	\$14.00	\$120.00

2-year, No. 1 .....

10

2-year

old

vines

# INSECTICIDES and FUNGICIDES



We are the Western Distributing Agents for the B. G. Pratt Co., Manufacturers of Scalecide and Sulfoicide.

Send for  
BOOKLET  
"A Successful  
Spray Program"  
—it's FREE

When you spray with Scalecide, you can rest assured that you have done all that can be done, at that particular time, by any dormant spray or combination of sprays. Scalecide is the quality miscible oil. It is a profit-maker and not merely a bug-killer. The invigorating effect alone is worth the cost. Dilute one gallon to fifteen gallons of water.

It is 100 per cent effective for killing Scale and Aphis. Kills eggs of Leaf Roller and Red Mite.

Kills fire blight cankers, fungous cankers and fungous spores.

Invigorates your trees, saves labor and is a guaranteed product.

One gallon of SCALECIDE makes fifteen gallons spray.

## SCALECIDE PRICES

F. O. B. St. Louis, Mo.

50-gallon returnable drums.

Plus Deposit  
on Drums

In lots of 1 to 4 .....	\$25.00	\$3.00
In lots of 5 to 9 .....	24.50	3.00
In lots of 10 to 19 .....	23.75	3.00
In lots of 20 or more .....	23.00	3.00
30-gallon returnable drums .....	20.00	2.50
15-gallon returnable drums .....	11.50	2.00
10-gallon cans—not returnable .....	10.00	
5-gallon cans—not returnable .....	6.00	
1-gallon cans—not returnable .....	1.60	
1-quart cans—not returnable .....	.70	

Quarts and gallons shipped by express or parcel post only. Deposit on drums must be paid at time of purchase. Cash refund made, when drum is returned, freight prepaid to B. G. Pratt Company, Hackensack, N. J., in good condition.

## SULFOCIDE

*A Better Summer Spray*

Briefly, these are the reasons why Sulfoicide is "a better summer spray." It does not russet apples (Bordeaux does); it does not devitalize the foliage and dwarf the fruit (lime-sulphur does); it can be used on both peaches and apples and on all kinds of fruits and vegetables (no other fungicide can); it imparts to the fruit a beautiful lustre and finish; it costs no more than home-made Bordeaux. Sulfoicide is a highly concentrated, non-poisonous liquid sulphur fungicide, quite distinct from lime sulphur.

The most powerful fungicide. Will control apple scab, stops brown rot, retards decay in ripening fruit. The best remedy on the market for controlling the shot-hole fungus which defoliates the cherry tree in early summer. One gallon makes 200 gallons spray.

**Combines with Kayso and Arsenate of Lead.** We can now recommend the new combination of Kayso (mix it in the water first), and arsenate of lead (mix it in the water second), with Sulfoicide (mix it in the water last). Always mix in the order named. Add the Sulfoicide after all the water has been put in the spray tank. Use only plain arsenate of lead—in the case of an arsenate of lead containing a so-called self-spreader, there is apt to be burning. This combination has been thoroughly tested for a number of years with good success.

**Use Sulfoicide on Fruits, Vegetables and Flowers—One for All**

*See top of next column for prices*

## SULFOCIDE PRICES

F. O. B. St. Louis, Mo.

50-gallon barrels .....	\$60.00
30-gallon barrels .....	39.00
15-gallon drum .....	21.00
10-gallon can .....	15.00
5-gallon can .....	8.75
One 1-gallon can .....	2.75
One 1-quart can .....	1.00
One 1-pint can .....	.70

## KAYSO

Spraying authorities and commercial fruit growers in the Atlantic Coast and Middle Western States have concluded after two years' practical use and experimentation, that for best results KAYSO should be used at the rate of 1 pound to 100 gallons of dilute spray (2 pounds to 200-gallon tank). This amount not only gives better spreading but, by increasing adhesiveness, it makes the sprays more resistant to weathering by rain, wind and dews.

100-pound sacks, per pound .....	\$0.17
2-pound packages, per pound .....	.19
2-pound packages, each .....	.38

## CASEIN SPREADER

100-pound sack, per pound .....	\$0.17
1-pound bags, per pound .....	.20
One and two-pound packages can be sent by Parcel Post.	

## BORDEAUX MIXTURE POWDER

A good many people prefer to use Bordeaux Mixture for various fungous diseases for summer spraying. We recommend the use of KAYSO in combination with Bordeaux to avoid any possibility of burning foliage or staining of fruit.

4-pound bags, per pound .....	\$0.19
1-pound cartons, each .....	.30
Poison—cannot be sent by Parcel Post.	

## CALCIUM ARSENATE (Powder)

(Same as Cal-Arsenate)

4-pound bags, per pound .....	\$0.14½
1-pound cartons, each .....	.25
Poison—cannot be sent by Parcel Post.	

## NICOTINE SULPHATE (40%)

For Spraying Fruit Trees and Truck Crops—40 per cent Nicotine guaranteed. Aphids, thrips and similar soft-bodied, sucking insects can be wiped out of the orchard or garden by systematic spraying with Nicotine Sulphate. Being a vegetable poison it will not injure fruit or foliage.

10-pound tins .....	\$11.50
2-pound tins .....	3.00
½-pound tins .....	1.25
1-ounce bottles .....	.35
Can be sent by Parcel Post.	

## ARSENATE OF LEAD (Powder)

4-pounds, per pound .....	\$0.19
1-pound bags, each .....	.30
Poison—cannot be sent by Parcel Post.	

## BLUE VITRIOL (Blue Stone)

Used in making home-made Bordeaux Mixture.

45-pound barrels, per pound .....	\$0.08
100-pound barrels, per pound .....	.10

## PARAZENE OR SANTOCHLOR

### For Killing the Peach Tree Borer

Application should be made in early spring or early fall, on trees 5 years old or over.

Prices: 1-pound carton 60c each; 5-pound drums, 45c per pound; larger quantities priced upon application.

## Proportions

For small quantities of spray solution, these figures will help you to get the proper mixture. Be accurate.

Material	Dilution Recommended
Scalecide	1 gal. to 15 gals. water.
Sulfocide	1 gal. to 200 gals. water.
Arsenate of lead	3 lbs. to 200 gals. water.
Kayso	3 lbs. to 200 gals. water.
Soap (liquid)	3 lbs. to 200 gals. water.
Nicotine sulphate	2 lbs. to 200 gals. water.

## Amounts of Dilute Spray Required

These figures will be fairly accurate for both Scalecide as a dormant spray and Sulfocide as a summer spray.

2 to 5-year-old trees	1/8 to 1/4 gal.
6 to 8-year-old trees	3/4 to 1 gal.
9 to 13-year-old trees	1 to 1 1/4 gals.
14 to 18-year-old trees	2 to 2 1/2 gals.
19 to 24-year-old trees	3 to 3 1/2 gals.
25 to 30-year-old trees	3 1/2 to 4 gals.

## VOLCK

The Scientific Insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white fly, red spider, rust mites, aphid and thrip. A 2 per cent solution will kill white pine scale on Evergreens. Ask us about it.

### Directions

Use one part of VOLCK to one hundred parts of water. For plants that have a bluish bloom, such as Blue Spruce and Carnations, use VOLCK at the rate of 1-200. The following table gives the dilution for various amounts of diluted spray:

1 gallon of spray, use 3 level tablespoonfuls.
3 gallons of spray, use 8 level tablespoonfuls.
5 gallons of spray, use 1/2 pint.
50 gallons of spray, use 1/2 gallon.
100 gallons of spray, use 1 gallon.

Apply VOLCK as a fine spray, being careful to wet all parts of the plants, particularly the undersides of the leaves. If leaves are rough or fuzzy, add a little soap to the mixture.

VOLCK is packed in convenient sizes:

1/2-pt. cans	\$0.50	1-gal. can	\$ 3.00
1-pt. cans	.75	5-gal. cans	12.50
1-qt. cans	1.00	14-gal. drums	25.00
28-gal. drums	\$40.00		

## PLANTGARD

A non-poisonous Insecticide for the effective control of Red Spider on Evergreens, Roses and Shrubs.

Will control Insects and diseases affecting vegetables. Is sold in powder form and should be applied with Dust gun.

Send for literature which describes fully.

1-lb. can	\$0.25	5-lb. can	\$0.75
2-lb. can	.40	25 and 100-lb. Drums	6c per lb.

F. O. B. St. Louis, Mo.

## SPRAY PUMPS

We are agents for the well-known DEMING PUMPS. If you are in the market for a pump, kindly send for a catalogue, showing complete line. Free to all applicants. Our prices are F. O. B. shipping point and are subject to change, should conditions warrant.

### THE "GARDENERS' CHOICE" A "One-Man" Machine

This is a very convenient outfit for general use. The pump is fitted with mechanical agitator and is good for 125 pounds pressure. It has a large air chamber. Working parts are brass.

Pump similar to the new Major. Mounted on a 25-gallon barrel. 2-inch brass cylinder, lever made of light, strong steel. Frame of steel, extra strong and rigid. 20-inch wheels and 2-inch tires. Regularly equipped with 8 feet of half-inch Deco hose, 4-foot galvanized rod with shut-off and one Simplex nozzle.

Shipping weight, 165 pounds, complete.....\$28.60

### THE "CENTURY"

The acknowledged leader of all barrel pumps for more than twenty years. Will supply two leads of hose and four nozzles.

Universal iron base—adjustable to any size or depth of barrel—fits the flat head or curved side of barrel. Base fits 7x10-inch hole. Filling hole in base for mixtures.

Valves may be quickly reached by removing four bolts. Twin paddle agitator; 2 1/4-inch all-brass cylinder, brass ball valves and seats. Air chamber 2 1/2-inch heavy steel tubing, 32 inches long. Barrel not furnished unless so ordered.

One 12 1/2-ft. section of "Deco" hose and one nozzle supplied with pump.

Shipping weight, boxed, 75 pounds.

Outfit A—as described above.....\$18.75

Outfit B—with 2 leads of 12 1/2-ft. hose and 2 nozzles.....23.35

Pump only—without hose or nozzles.....14.50

Parcel Post paid on all nozzles and accessories except as noted.

"Bordeaux." Best general purpose spray nozzle. Throws solid stream, fine or coarse fan-shaped spray. Excellent for white-washing. Each, \$1.05.

"Simplex." Has two interchangeable steel spray disks, one for coarse and one for medium-fine spray. Each, 50c.

Same as "Simplex," but with one angle connection. Each, 65c.

"Eureka." Throws conical-shaped spray. Discharges by pushing against fence or tree. Highly recommended for white-washing. Each, 50c.

## THE "PERFECT SUCCESS"

The "Perfect Success" consists of the "Success" pump with malleable iron bucket clamp and adjustable foot-rest, which holds pump and bucket together, so entire outfit can be carried from place to place when bucket is filled with mixture. Four feet of hose and Bordeaux nozzle are included. Bucket is not furnished. Shipping weight, crated, 12 pounds.

Net cash price.....\$7.35

If wanted by Parcel Post, add sufficient postage for St. Louis zone.

## "SPRA-RITE" KNAPSACK SPRAYER

Very convenient to operate, as horizontal pump lever is attached to bottom of tank, where it is within easy reach of operator's hand.

Pump is of the diaphragm type, located in bottom of tank. Has 5 3/4-inch special composition diaphragm, giving capacity of about 1/4 gallon per minute. Brass tank holds four gallons.

Price, Brass Tank.....\$18.55

Galvanized Tank ..... 14.25

## CLINTARK—The Plastic Tree-Saver

Will quickly renew the life of wounded, decayed trees. Wounds when covered with Clintark are effectually covered and protected from insects and diseases.

### Simple Directions for the Use of Clintark

1. Cut away all diseased or decaying wood into clean, sound wood.

2. Clean out wound or cavity, taking care to remove all particles of infected wood. Although Clintark adheres to wet wood, if possible, let the wood dry before using.

3. Apply Clintark with putty knife or trowel. Rub it well into the wound to allow its healing and disinfecting properties to penetrate quickly.

4. Pack tightly, leaving outer surface slightly indented to permit the free growth of the callus. Be sure that the outer rim of the cavity is thoroughly covered with Clintark.

Send for circular which describes this product more fully.

Prices—1-lb. can, 60c; 2-lb. can, 85c; 5-lb. can, \$1.35; 10-lb. can, \$2.25.

## FISH OIL SOAP

1-lb. tins, 35c; in bulk, 20c per pound.

It is highly recommended for the following uses:

For thoroughly wetting and penetrating insects with Nicotine sprays.

As an emulsifier in the preparation of oil sprays.

For deflocculating and spreading Arsenate of Lead sprays on smooth fruits.

For spraying Palms, Rubber Plants, Rose Bushes, Geraniums, Porch Plants and vines of every description as well as delicate plants.

For Caterpillars and San Jose Scale and other bark lice.

Directions: With Nicotine sprays use 3 to 5 pounds to 50 gallons of spray.

With Lead Arsenate as a spreader and deflocculator, use 2 to 3 pounds to 50 gallons of spray.

As a dormant spray use 8 to 10 pounds to 50 gallons of water. In a growing period use 5 to 8 pounds to 50 gallons of water. Three ounces to a gallon of water is sufficient for use on delicate plants, palms and rubber plants.

**SACCO**  
TRADE MARK REGISTERED  
**PLANT FOOD**  
*Makes things Grow!*

Make your yard a beauty spot of grass, shrubs and flowers. Make the many unsightly barren places attractive. Have a lawn of thick, even, velvety green through the use of SACCO.

SACCO increases soil fertility by providing the vital nourishing elements—Nitrogen, Phosphates, Potash. It helps to correct soil acidity and promotes successful, rapid growth of all plants and grass. It has many times the plant food value of ordinary manure.

100-pound bag.....	\$5.00	10-pound bag.....	\$0.85
50-pound bag.....	3.00	5-pound bag.....	.50
25-pound bag.....	1.75	1-pound bag.....	.25



**Special Fertilizers  
for  
Weed Control  
in Lawns**



**FEEDS GRASS—FIGHTS WEEDS**

Here is a dual purpose fertilizer—made as a special feeding ration for lawns **only**, and to **control weeds**.

**VERY ECONOMICAL**

Only  $1\frac{1}{2}$  pounds are required for 100 square feet—about one-half the amount required when ordinary plant foods are used.

100 lbs.	50 lbs.	25 lbs.	10 lbs.
\$6.50	\$3.75	\$2.00	95c

**NATURE'S PLANT FOOD**  
**Cattle Manure and**  
**Sheep Manure**

*Contain no burning ingredients.  
They are safe to use freely.  
Each packed separately.*

**It's All Fertilizer** and will impart to your plants such vitality that they will again become the delight of your home. Unequalled for ferns, palms and all other house plants. Renews vitality of your lawn, makes roses bloom better, will not damage anything that grows.

**NATURE'S PLANT FOODS**

are obtainable in

1 lb., 15c; 10-lb., 50c; 25-lb., \$1.00; 50-lb., \$1.60;  
and 100-lb. packages, \$2.75

Special Prices Quoted on 500 lbs. or more  
Ask for Literature

**SHRUBS WITH COLORED BARK IN WINTER**

Name	Height	Color of Bark
Cornus alba.....	6 to 8 ft.	Crimson.
Cornus amomum.....	6 to 8 ft.	Purple.
Cornus sanguineum.....	6 to 8 ft.	Deep red.
Cornus stolonifera.....	6 to 8 ft.	Red and green.
Cornus stolonifera aurea.....	6 to 8 ft.	Yellow.
Eleagnus angustifolia.....	12 to 14 ft.	Silvery.
Eleagnus longipes.....	3 to 6 ft.	Reddish brown.
Euonymus alatus.....	3 to 6 ft.	Corky bark
Kerria japonica.....	3 to 6 ft.	Green
Kerria japonica fl. pl.....	3 to 6 ft.	Green

**SHRUBS WITH BERRIES IN FALL AND WINTER**

Name	Height	Color of Fruit
Aronia arbutifolia.....	3 to 6 ft.	Scarlet
Aronia melanocarpa.....	3 to 6 ft.	Black
Benzion aestivalis.....	3 to 6 ft.	Scarlet
Berberis thunbergii.....	2 to 3 ft.	Red
Callicarpa purpurea.....	2 to 3 ft.	Deep violet
Colutea arborescens.....	8 to 12 ft.	Bladder-like seed pods
Cornus alba sibirica.....	6 to 8 ft.	White
Cornus amomum.....	6 to 8 ft.	Black
Cornus mas.....	6 to 8 ft.	Scarlet
Cornus sanguinea.....	6 to 8 ft.	White
Eleagnus angustifolia.....	12 to 15 ft.	Yellow
Eleagnus longipes.....	3 to 6 ft.	Orange-red
Euonymus alatus.....	3 to 6 ft.	Red
Euonymus americanus.....	8 to 12 ft.	Scarlet and orange
Euonymus europaeus.....	8 to 12 ft.	Rosy red
Ilex verticillata.....	6 to 8 ft.	Red
Ligustrum amourense.....	6 to 8 ft.	Black
Ligustrum ibota.....	6 to 8 ft.	Blue-black
Ligustrum regelianum.....	6 to 8 ft.	Black
Lonicera bella albida.....	6 to 8 ft.	Red
Lonicera morrowi.....	6 to 8 ft.	Red
Lonicera ruprechtiana.....	3 to 6 ft.	Red
Rhamnus catharticus.....	8 to 12 ft.	Black
Rhus canadensis.....	3 to 6 ft.	Scarlet seed
Rhus copalina.....	3 to 6 ft.	Scarlet seed
Rhus glabra.....	6 to 8 ft.	Crimson seed
Rhus typhina.....	8 to 12 ft.	Scarlet seed
Rhus typhina lacinata.....	8 to 12 ft.	Scarlet seed
Sambucus canadensis.....	8 to 12 ft.	Reddish purple
Sambucus nigra.....	8 to 12 ft.	Purplish black
Sambucus racemosa.....	8 to 12 ft.	Red
Symporicarpus racemosus.....	3 to 6 ft.	White
Viburnum dentatum.....	6 to 8 ft.	Black
Viburnum lantana.....	8 to 12 ft.	Red
Viburnum lentago.....	8 to 12 ft.	Bluish-black
Viburnum molle.....	6 to 8 ft.	Purplish-blue
Viburnum opulus.....	8 to 12 ft.	Red

**SHRUBS WITH CUT OR LANCEOLATED FOLIAGE**

Name	Height
Rhus glabra lacinata.....	6 to 8 ft.
Rhus typhina lacinata.....	8 to 12 ft.
Sambucus nigra lacinata.....	8 to 12 ft.

**SHRUBS WITH COLORED FOLIAGE**

Name	Height	Color of Fruit
Cornus stolonifera aurea.....	6 to 8 ft.	Yellow
Eleagnus angustifolia.....	12 to 15 ft.	Silver
Eleagnus longipes.....	3 to 6 ft.	Silver
Euonymus alatus.....	3 to 6 ft.	Red in fall
Hamamelis.....	6 to 8 ft.	Bright red in fall
Hibiscus variegated.....	6 to 8 ft.	Variegated
Ligustrum ovalifolium aurea.....	3 to 6 ft.	Yellow
Mahonia aquifolia.....	3 to 5 ft.	Bronze green
Philadelphus coronarius aureus.....	2 to 3 ft.	Yellow
Physocarpus opulifolia luteus.....	6 to 8 ft.	Yellow
Rhus canadensis.....	3 to 6 ft.	Red in fall
Rhus copalina.....	3 to 6 ft.	Red in fall
Rhus glabra.....	6 to 8 ft.	Red in fall
Rhus glabra lacinata.....	6 to 8 ft.	Red in fall
Rhus typhina.....	8 to 12 ft.	Red in fall
Rhus typhina lacinata.....	8 to 12 ft.	Scarlet in fall
Sambucus canadensis aurea.....	8 to 12 ft.	Yellow
Sambucus nigra variegata.....	8 to 12 ft.	Silver and green
Spirea callosa var. froebelli.....	2 to 3 ft.	Purple in fall
Stephanandra flexuosa.....	3 to 6 ft.	Purple in fall
Weigela nana variegata.....	3 to 6 ft.	White and green

**SHRUBS FOR SHADY LOCATIONS**

Name	Height
Berberis thunbergii.....	2 to 3 ft.
Ceanothus americanus.....	3 to 6 ft.
Clethra alnifolia.....	3 to 6 ft.
Cornus alba sibirica.....	6 to 8 ft.
Cornus amomum.....	6 to 8 ft.
Cornus sanguinea.....	6 to 8 ft.
Cornus stolonifera.....	6 to 8 ft.
Deutzia gracilis.....	2 to 3 ft.
Deutzia leonensis.....	3 to 6 ft.
Forsythia (in variety).....	6 to 8 ft.
Hydrangea arborescens.....	3 to 6 ft.
Hypericum henryi.....	6 to 8 ft.
Ligustrum (in variety).....	6 to 8 ft.
Rhus canadensis.....	3 to 6 ft.
Ribes (in variety).....	6 to 8 ft.
Rubus odoratus.....	3 to 6 ft.
Symporicarpus racemosus.....	3 to 6 ft.
Viburnum dentatum.....	6 to 8 ft.
Viburnum lentago.....	8 to 12 ft.
Viburnum tomentosum.....	6 to 8 ft.

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